

**BOSTON COLLEGE**  
**WILLIAM F. CONNELL SCHOOL OF NURSING**  
**140 Commonwealth Avenue, Maloney Hall 273**  
**Chestnut Hill, MA 02467-3812**

**CURRICULUM VITAE**

**Andrew A. Dwyer, PhD, FNP-BC, FNAP, FAAN**

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**EDUCATION:**

2011-2014	PhD	Nursing Science University of Lausanne Institute of Higher Education and Research in Healthcare (Institut Universitaire de Formation at de Recherche en Soins) Lausanne, Switzerland
1998-2000	CAS	Clinical Investigation Massachusetts General Hospital Institute of Health Professions Boston, Massachusetts, USA
1997-2000	MSN	Family Nurse Practitioner Massachusetts General Hospital Institute of Health Professions Boston, Massachusetts, USA
1988-1992	BS	Human Development & Family Studies Cornell University, College of Human Ecology Ithaca, New York, USA

**LICENSURE / CERTIFICATION / REGISTRATIONS:**

**Clinical**

2000-	Registered Nurse Practitioner, Commonwealth of Massachusetts, USA (# 233840)
2000	United States Health & Human Services National Provider Information (# 1528116183)
2000-	Certified Family Nurse Practitioner, American Nurses Credentialing Center (# 0349636)
1999-	Registered Nurse, Commonwealth of Massachusetts, USA (# 233840)
1999-	Red Cross - Basic Life Support

**Research**

- 2017- NIH – Protecting Human Research Participants
- 2017- CITI - Responsible Conduct of Research
- 2017- CITI - Human Research: Social & Behavioral
- 2017- CITI - Good Clinical Practice
- 2017- CITI - Biomedical Research Investigators and Key Personnel
- 2016 SwissMedic Investigator Training
- 2010 SwissMedic Research training
- 2000 Certification in Human Subjects Research

**PROFESSIONAL EXPERIENCE:**

**Academic Faculty Appointments:**

- 2022 – Invited Professor  
University of Lausanne, Faculty of Biology & Medicine  
Lausanne, Switzerland
- 2018 – Faculty, Radiz International Rare Disease Summer School  
University of Zurich, Switzerland
- 2017 – Assistant Professor (tenure track),  
William F. Connell School of Nursing, Boston College  
Chestnut Hill, MA
- 2016-2017 Assistant Professor (tenure track)  
University of Lausanne, Faculty of Biology & Medicine,  
Institute of Higher Education and Research in Healthcare  
Lausanne, Switzerland

**Appointments at Hospitals / Affiliated Institution:**

- 2021- Appointed Member, Massachusetts Rare Disease Advisory Council  
Boston, MA
- 2021– Investigator, MGH - Harvard Center for Reproductive Medicine  
Massachusetts General Hospital, Boston, MA
- 2017– External Faculty Nurse Scientist, Yvonne L. Munn Center for Nursing  
Research, Massachusetts General Hospital, Boston, MA
- 2017–2021 Scientific Collaborator, Harvard Reproductive Endocrine Sciences Center  
Massachusetts General Hospital, Boston, MA

- 2017–2018 Invited Professor, University of Lausanne, Faculty of Biology & Medicine,  
Lausanne, CH
- 2016-2017 Scientific Collaborator, Endocrinology, Diabetes & Metabolism Service,  
Centre Hospitalier Universitaire Vaudois, Lausanne, CH
- 2010-2016 Chef de Projets (Clinical Specialist / Research Manager)  
Endocrinology, Diabetes, & Metabolism Service  
Centre Hospitalier Universitaire Vaudois, Lausanne, CH  
Chief: Prof. Nelly Pitteloud, M.D.
- 2008-2010 Nurse Practitioner & Clinical Research Manager  
Massachusetts General Hospital, Reproductive Endocrine Unit,  
Boston, Massachusetts, USA  
Chief: Prof. William F. Crowley, Jr, M.D.  
Collaborating Physician: William F. Crowley, Jr, M.D.
- 2005-2008 Nurse Practitioner & Senior Clinical Research Coordinator  
Massachusetts General Hospital, Reproductive Endocrine Unit,  
Boston, Massachusetts, USA  
Chief: Prof. William F. Crowley, Jr, M.D.  
Collaborating Physician: Frances J. Hayes, M.D.
- 2000-2004 Nurse Practitioner & Clinical Research Coordinator  
Massachusetts General Hospital, Reproductive Endocrine Unit,  
Boston, Massachusetts, USA  
Chief: Prof. William F. Crowley, Jr, M.D.  
Collaborating Physician: Frances J. Hayes, M.D.
- 1999-2004 Hospice Nurse  
Hospice of the North Shore, Danvers, Massachusetts, USA

#### **HONORS AND AWARDS:**

- 2022 Expertscape “World Expert in Kallmann syndrome”  
<https://expertscape.com/ex/kallmann+syndrome>  
(top 0.1% of scholars writing about Kallmann Syndrome [2012-2022] based  
on Expertscape's PubMed-based algorithm)
- 2021 Best Research Award - Health Professionals in Rheumatology  
“Patient and healthcare professional e-health literacy and needs for systemic  
sclerosis support: A mixed methods study” (PhD Student, Agnes Kocher)  
Annual Congress of the Swiss Rheumatology Society
- 2021 Distinguished Excellence in Nursing Theory & Research  
Voted by the graduate nursing class of 2021  
William F. Connell School of Nursing, Boston College
- 2020 Fellow

- American Academy of Nursing (Induction, October 2020)
- 2020 Bette Ann Harris, '83 Distinguished Alumni Award  
MGH Institute of Health Professions
- 2019 Award for Excellence in Teaching and Clinical Research  
William F. Connell School of Nursing, Boston College
- 2019 Spirit of Sigma Award (Alpha Chi Chapter)  
Sigma Theta Tau International Honor Society of Nursing
- 2019 Most Downloaded article of 2018 (European Journal of Endocrinology)  
"GENETICS IN ENDOCRINOLOGY: Genetic counseling for congenital hypogonadotropic hypogonadism and Kallmann syndrome: new challenges in the era of oligogenism and next-generation sequencing"
- 2018 Distinguished Fellow  
National Academies of Practice (Nursing)
- 2018 Inductee, 'Nursing Leader' (Alpha Chi Chapter)  
Sigma Theta Tau International Honor Society of Nursing
- 2017 Betsy Love-McClung Endocrine Nurse Development Award  
Endocrine Nurses Society
- 2017 Outstanding Reviewer Award  
Asian Journal of Andrology
- 2017 Novartis Best Nursing Poster Award  
19th European Congress of Endocrinology, Lisbon, Portugal
- 2016 Best Poster Award - Endocrine Nurses Society  
98<sup>th</sup> Annual Meeting of the Endocrine Society. Boston, USA
- 2015 Foreso Prize, Best Nursing Dissertation  
University of Lausanne Faculty of Biology & Medicine, Switzerland
- 2014 Best Poster Award  
Swiss Society of Endocrinology & Diabetes. Bern, Switzerland
- 2014 Presidential Poster Award  
53<sup>rd</sup> Annual Meeting of the European Society for Paediatric Endocrinology.  
Dublin, Ireland
- 2014 Novartis Best Nursing Poster Award  
16<sup>th</sup> European Congress of Endocrinology. Wroclaw, Poland
- 2012 Presidential Poster Award  
51<sup>st</sup> Annual Meeting of the European Society for Paediatric Endocrinology.  
Leipzig, Germany

- 2012 “The World of Omics” Best Poster Award  
University of Lausanne Faculty of Biology & Medicine Research Day.  
Lausanne, Switzerland
- 2009 Partners In Excellence Award, Partners Healthcare Inc.  
(for contributions to the Partners Personalized Medicine Biorepository)
- 2009 Poster of Distinction - Executive Council on Research  
MGH Scientific Advisory Committee, Boston, USA
- 2007 Poster of Distinction - Executive Council on Research  
MGH Scientific Advisory Committee, Boston, USA
- 2005 Poster of Distinction, Executive Council on Research  
MGH Scientific Advisory Committee, Boston, USA
- 1998 Zahka Memorial Scholarship, Massachusetts General Hospital (MGH)  
Institute of Health Professions, Boston USA
- 1992 Cornell University Dean’s List (Spring 1992)
- 1991 Cornell University Dean’s List (Spring 1991)

**PROFESSIONAL SOCIETIES:**

- 2021 – Endocrine Society (ES)
- 2019 – American Nurses Association (ANA)
- 2018 – National Academy of Practitioners (NAP) – Nursing
- 2018 – Sigma Theta Tau International (STTI) – Alpha Chi chapter
- 2017 – Global Genetics Nursing Alliance (G2NA)
- 2016 – 2017 International Bullying Prevention Association (IBPA)
- 2016 – 2018 Society for Endocrinology (SfE)
- 2014 – 2020 European Society for Pediatric Endocrinology (ESPE)
- 2014 – Federation of International Nurses in Endocrinology (FINE)
- 2014 – International Society of Nurses in Genetics (ISONG)
- 2014 – Pediatric Endocrinology Nursing Society (PENS)
- 2012 – 2020 European Society of Endocrinology (ESE)
- 2012 – International Council of Nurses Advance Practice Nursing Network  
(ICN/APNN)

2004 – Endocrine Nurses Society (ENS)

## PUBLICATION REPOSITORIES

PubMed

<https://www.ncbi.nlm.nih.gov/sites/myncbi/1Di8fquTa06Qg/bibliography/40431474/public/?sort=date&direction=ascending>

Google Scholar

<https://scholar.google.ch/citations?user=17IAqj8AAAAJ&hl=en>

ORCID (0000-0002-7023-6794)

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Publons

<https://publons.com/researcher/588422/andrew-dwyer/>

Research Gate

[https://www.researchgate.net/profile/Andrew\\_Dwyer2](https://www.researchgate.net/profile/Andrew_Dwyer2)

Researcher ID (D-8099-2012)

<http://www.researcherid.com/ProfilePreview.action>

Scopus

<https://www-scopus-com.proxy.bc.edu/authid/detail.uri?authorId=8891647800&origin=AuthorEval>

## PEER REVIEWED ARTICLES (• denotes data based, disambiguated authorship in brackets)

116. • **Dwyer, A. A.**, Uveges, M. K., Dockray, S., & Smith, N. (2022) Exploring Rare Disease Patient Attitudes and Beliefs regarding Genetic Testing: Implications for Person-Centered Care. *Journal of Personalized Medicine*. 12: 477. doi: 10.3390/jpm12030477
115. • Hesse-Biber, S., Seven, M., Jiang, J., Van Schaik, S., & **Dwyer, A. A.** (2022). Impact of BRCA status on reproductive decision-making and self-concept: A mixed-methods study informing the development of tailored interventions. *Cancers*. 14: 1494. doi: 10.3390/cancers14061494
114. • **Yeoh, P.\***, **Dwyer, A. A.\***, Anghel, E., Bouloux, P. M., Khoo, B., Chew, S., Wernig, F., Carroll, P., Aylwin, S., Baldeweg, S. E., Drake, W., Todd, J., Mangena, L., & Grossman, A. (2022). A comparison of the blood glucose, growth hormone and cortisol responses to two doses of insulin (0.15 U/kg vs. 0.10 U/kg) in the insulin tolerance test: A single centre audit of 174 cases. *International Journal of Endocrinology*. 2022: 7360282 doi: 10.1155/2022/7360282 [ \* denotes co-first authorship]
113. Mehmet, B., McDonald, I. R., Saldarriaga, S., Piñeros-Leano, M., & **Dwyer, A. A.** (2022). What's missing in sex chromosome aneuploidies? Representation and inclusion. *Journal of*

- Pediatric Nursing*. 62: 204-206. doi: 10.1016/j.pedn.2021.11.030. [senior author, mentor, content expert]
112. Jull, J., Köpke, S., Smith, M., Carley, M., Finderup, J., Rahn, A. C., Boland, L., Dunn, S., **Dwyer, A. A.**, Kasper, J., Kienlin, S. M., Légaré, F., Lewis, K. B., Lyddiatt, A., Rutherford, C., Zhao, J., Rader, T., Graham, I. D., & Stacey, D. (2021). Decision coaching for people making healthcare decisions. *Cochrane Database of Systematic Reviews*.11:CD013385. doi: 10.1002/14651858.CD013385. [content expert]
111. • **Dwyer, A. A.**, Hesse-Biber, S., Shea, H., Zeng, Z., & Yi, S. (2021). Coping response and family communication of cancer risk in men harboring a BRCA mutation: A Mixed methods study. *Psycho-Oncology*. 31(3): 486-495. doi: 10.1002/pon.5831
110. • Kocher, A., **Dwyer, A. A.**, Blatter, C., Bogdanovic, J., Kunzler-Heule, P., Villiger, P. M., Dan, D., Distler, O., Walker, U. A., & Nicca, D. (2021). Patient and healthcare professional eHealth literacy and needs for systemic sclerosis support – a mixed methods study. *RMD Open*, 7(3):e001783. doi:10.1136/rmdopen-2021-001783 [mentor, content expert]
109. • Kocher, A., Ndosu, M., Denhaerynck, K., Simon, M., **Dwyer, A. A.**, Distler, O., Hoepfer, K., Künzler-Heule1, P., Redmond, A. C., Villiger, P. M., Walker, U. A., Nicca, D. (2021). A rare disease patient-reported outcome measure: Revision and validation of the German version of the Systemic Sclerosis Quality of Life Questionnaire (SScQoL) using the Rasch model. *Orphanet Journal of Rare Diseases*, 16(356). doi:10.1186/s13023-021-01944-9 [mentor, content expert]
108. **Dwyer, A. A.** & Greenspan, D. L. (2021). Endocrine Nurses Society Position Statement on Transgender and Gender Diverse Care. *Journal of the Endocrine Society*, 5(8), bvab105. doi:10.1210/jendso/bvab105
107. • **Dwyer, A. A.**, Shen, H., Zeng, Z., Gregas, M., & Zhao, M. (2021). Framing effects on decision-making for diagnostic genetic testing: Results from a randomized trial. *Genes*, 12, 941. doi:10.3390/genes12060941
106. • Escagedo, P. D., Deal, C.L., **Dwyer, A. A.**, & Hauschild, M. (2021). Insulin growth factor 1, but not insulin growth factor binding protein 3, predicts central precocious puberty in girls 6 to 8 years-old: A retrospective study. *Hormone Research in Paediatrics*, 94(1-2):44-51. doi:10.1159/000516361. [content expert]
105. • **Dwyer, A. A.**, Zeng, Z., & Lee, C. S. (2021). Validating online approaches for rare disease research using latent class mixture modeling. *Orphanet Journal of Rare Diseases*, 16(1), 209. doi:10.1186/s13023-021-01827-z
104. • **Dwyer, A. A.**, Au, M. G., Smith, N., Plummer, L., Lippincott, M. F., Balasubramanian, R., & Seminara, S. B. (2021). Evaluating co-created patient-facing materials to increase understanding of genetic test results. *Journal of Genetic Counseling*, 30(2), 598-605. doi:10.1002/jgc4.1348

103. • Mouron-Hryciuk, J., Stoppa-Vaucher, S., Busiah, K., Bouthors, T., Antoniou, M. C., Jacot, E., Brusgaard, K., Christesen, H. T., Hussain, K., **Dwyer, A.**, Roth-Kleiner, M., & Hauschild, M. (2021). Congenital hyperinsulinism: 2 case reports with different rare variants in ABCC8. *Annals of Pediatric Endocrinology and Metabolism*, 26(1), 60-65. doi:10.6065/apem.2040042.021 [content expert]
102. • Mosbah, H., Bouvattier, C., Maione, L., Trabado, S., De Filippo, G., Cartes, A., Donzeau, A., Chanson, P., Brailly, S., **Dwyer, A. A.**, Coutant, R., & Young, J. (2020). GnRH stimulation testing and serum inhibin B in males: insufficient specificity for discriminating between congenital hypogonadotropic hypogonadism from constitutional delay of growth and puberty. *Human Reproduction*, 35(10), 2312-2322. doi:10.1093/humrep/deaa185 [content expert]
101. • **Dwyer, A. A.**, Hesse-Biber, S., Flynn, B., & Remick, S. (2020). Parent of Origin Effects on Family Communication of Risk in BRCA+ Women: A Qualitative Investigation of Human Factors in Cascade Screening. *Cancers (Basel)*, 12(8), 2316. doi:10.3390/cancers12082316
100. • White, B. P., Abuelezam, N. A., **Dwyer, A. A.**, & Fontenot, H. B. (2020). A sexual health course for advanced practice registered nurses: Effect on preparedness, comfort, and confidence in delivering comprehensive care. *Nurse Education Today*, 92, 104506. doi:10.1016/j.nedt.2020.104506 [mentor, content expert]
99. **Dwyer, A. A.** (2020). Psychosexual effects resulting from delayed, incomplete, or absent puberty. *Current Opinion in Endocrine and Metabolic Research*, 14, 15-21. doi:10.1016/j.coemr.2020.04.003
98. • Barraud, S., Delemer, B., Poirsier-Violle, C., Bouligand, J., Merol, J. C., Grange, F., Higel-Chauffour, B., Decoudier, B., Zalzali, M., **Dwyer, A. A.**, Acierno, J. S., Pitteloud, N., Millar, R. P., & Young, J. (2021). Congenital Hypogonadotropic Hypogonadism with Anosmia and Gorlin Features Caused by a PTCH1 Mutation Reveals a New Candidate Gene for Kallmann Syndrome. *Neuroendocrinology*, 111(1-2), 99-114. doi:10.1159/000506640 [content expert]
97. Santos, G. C., Liljeroos, M., **Dwyer, A. A.**, Jaques, C., Girard, J., Stromberg, A., Hullin, R., & Schafer-Keller, P. (2020). Symptom perception in heart failure - Interventions and outcomes: A scoping review. *International Journal of Nursing Studies*, 116:103524. doi:10.1016/j.ijnurstu.2020.103524 [mentor]
96. • Zwingli, G., Yerly, J., Mivelaz, Y., Stoppa-Vaucher, S., **Dwyer, A. A.**, Pitteloud, N., Stuber, M., & Hauschild, M. (2020). Non-invasive assessment of coronary endothelial function in children and adolescents with type 1 diabetes mellitus using isometric handgrip exercise-MRI: A feasibility study. *PLoS One*, 15(2), e0228569. doi:10.1371/journal.pone.0228569
95. • Delaney, A., Volochayev, R., Meader, B., Lee, J., Almpiani, K., Noukelak, G. Y., Henkind, J., Chalmers, L., Law, J. R., Williamson, K. A., Jacobsen, C. M., Buitrago, T. P., Perez, O., Cho, C. H., Kaindl, A., Rauch, A., Steindl, K., Garcia, J. E., Russell, B. E., Prasad, R., Mondal, U. K., Reigstad, H. M., Clements, S., Kim, S., Inoue, K., Arora, G., Salnikov, K. B., DiOrio, N. P., Prada, R., Capri, Y., Morioka, K., Mizota, M., Zechi-Ceide, R. M., Kokitsu-Nakata, N. M., Tonello, C., Vendramini-Pittoli, S., da Silva Dalben, G., Balasubramanian,



- R., **Dwyer, A. A.**, Seminara, S. B., Crowley, W. F., Plummer, L., Hall, J. E., Graham, J. M., Lin, A. E., & Shaw, N. D. (2020). Insight Into the Ontogeny of GnRH Neurons From Patients Born Without a Nose. *Journal of Clinical Endocrinology and Metabolism*, 105(5), 1538-1551. doi:10.1210/clinem/dgaa065 [content expert]
94. • Messina, A., Pulli, K., Santini, S., Acierno, J., Kansakoski, J., Cassatella, D., Xu, C., Casoni, F., Malone, S. A., Ternier, G., Conte, D., Sidis, Y., Tommiska, J., Vaaralahti, K., **Dwyer, A.**, Gothilf, Y., Merlo, G. R., Santoni, F., Niederländer, N. J., Giacobini, P., Raivio, T., & Pitteloud, N. (2020). Neuron-Derived Neurotrophic Factor Is Mutated in Congenital Hypogonadotropic Hypogonadism. *American Journal of Human Genetics*, 106(1), 58-70. doi:10.1016/j.ajhg.2019.12.003 [content expert]
93. **Dwyer, A. A.** (2020). Minipuberty: A Primer for Pediatric Nurses. *Journal of Pediatric Nursing*, 50, 138-139. doi:10.1016/j.pedn.2019.10.012
92. • Santos, G. C., Liljeroos, M., **Dwyer, A. A.**, Jaques, C., Girard, J., Stromberg, A., Hullin, R., & Schafer-Keller, P. (2020). Symptom perception in heart failure: a scoping review on definition, factors and instruments. *European Journal of Cardiovascular Nursing*, 19(2), 100-117. doi:10.1177/1474515119892797 [mentor]
91. • Maione, L., Pala, G., Bouvattier, C., Trabado, S., Papadakis, G., Chanson, P., Bouligand, J., **Dwyer, A. A.**, Maghnie, M., & Young, J. (2020). Congenital hypogonadotropic hypogonadism/Kallmann syndrome is associated with statural gain in both men and women: a monocentric study. *European Journal of Endocrinology*, 182(2), 185. doi:10.1530/EJE-19-0537 [content expert]
90. • Eyholzer, S., Perrenoud, B., & **Dwyer, A. A.** (2019). Patient perceptions of peripheral artery disease: A cross-sectional study of hospitalized adults. *Journal of Vascular Nursing*, 37(3), 188-193. doi:10.1016/j.jvn.2019.04.001 [mentor, senior author]
89. • Hesse-Biber, S., **Dwyer, A. A.**, & Yi, S. (2019). Parent of origin differences in psychosocial burden and approach to BRCA risk management. *Breast Journal*, 26(4), 734-738. doi:10.1111/tbj.13633 [methodologist]
88. Kocher, A., Simon, M., **Dwyer, A. A.**, Villiger, P. M., Kunzler-Heule, P., De Geest, S., Berben, L., & Nicca, D. (2019). Developing a rare disease chronic care model: Management of systemic sclerosis (MANOSS) study protocol. *Journal of Advanced Nursing*, 75(12), 3774-3791. doi:10.1111/jan.14185 [mentor]
87. Davies, K., & **Dwyer, A. A.** (2019). Genetic Competencies for Effective Pediatric Endocrine Nursing Practice. *Journal of Pediatric Nursing*, 48, 127-128. doi:10.1016/j.pedn.2019.06.006
86. **Dwyer, A. A.**, Smith, N., & Quinton, R. (2019). Psychological Aspects of Congenital Hypogonadotropic Hypogonadism. *Frontiers in Endocrinology (Lausanne)*, 10, 353. doi:10.3389/fendo.2019.00353
85. • **Dwyer, A. A.**, Chavan, N. R., Lewkowitz-Shpuntoff, H., Plummer, L., Hayes, F. J., Seminara, S. B., Crowley, W. F., Pitteloud, N., & Balasubramanian, R. (2019). Functional

- Hypogonadotropic Hypogonadism in Men: Underlying Neuroendocrine Mechanisms and Natural History. *Journal of Clinical Endocrinology and Metabolism*, 104(8), 3403-3414. doi:10.1210/jc.2018-02697
84. • Antoniou, M. C., Bouthors, T., Xu, C., Phan-Hug, F., Elowe-Gruau, E., Stoppa-Vaucher, S., van der Sloot, A., Acierno, J., Cassatella, D., Richard, C., **Dwyer, A.**, Pitteloud, N., & Hauschild, M. (2019). A novel CHD7 mutation in an adolescent presenting with growth and pubertal delay. *Annals of Pediatric Endocrinology & Metabolism*, 24(1), 49-54. doi:10.6065/apem.2019.24.1.49 [content expert]
83. • Ofori, E. K., Alonso, S. C., Correas-Gomez, L., Carnero, E. A., Zwygart, K., Hugues, H., Bardy, D., Hans, D., & **Dwyer, A. A.\***, **Amati, F.\*** (2019). Thigh and abdominal adipose tissue depot associations with testosterone levels in postmenopausal females. *Clinical Endocrinology (Oxford)*, 90(3), 433-439. doi:10.1111/cen.13921 [\* denotes co-senior author, mentor]
82. Prior, M., Stewart, J., McEleny, K., **Dwyer, A. A.**, & Quinton, R. (2018). Fertility induction in hypogonadotropic hypogonadal men. *Clinical Endocrinology (Oxford)*, 89(6), 712-718. doi:10.1111/cen.13850 [content expert]
81. • Serena, A., **Dwyer, A. A.**, Peters, S., & Eicher, M. (2018). Acceptance of the Advanced Practice Nurse in Lung Cancer Role by Healthcare Professionals and Patients: A Qualitative Exploration. *Journal of Nursing Scholarship*, 50(5), 540-548. doi:10.1111/jnu.12411 [mentor]
80. • Hansen, E. A., Klee, P., Dirlwanger, M., Bouthors, T., Elowe-Gruau, E., Stoppa-Vaucher, S., Phan-Hug, F., Antoniou, M. C., Pasquier, J., **Dwyer, A. A.**, Pitteloud, N., & Hauschild, M. (2018). Accuracy, satisfaction and usability of a flash glucose monitoring system among children and adolescents with type 1 diabetes attending a summer camp. *Pediatric Diabetes*, 19(7), 1276-1284. doi:10.1111/pedi.12723 [content expert]
79. **Dwyer, A. A.**, & Quinton, R. (2018). The Metabolic Syndrome in Central Hypogonadotropic Hypogonadism. *Frontiers in Hormone Research*, 49, 156-169. doi:10.1159/000485998
78. **Dwyer, A. A.**, & Pitteloud, N. (2018). Transition of care from childhood to adulthood: Congenital hypogonadotropic hypogonadism. *Endocrine Development*. 33, 82-98. doi:10.1159/000487527
77. • Cassatella, D., Howard, S. R., Acierno, J. S., Xu, C., Papadakis, G. E., Santoni, F. A., **Dwyer, A. A.**, Santini, S., Sykiotis, G., Chambion, C., Meylan, J., Marino, L., Favre, L., Li, J., Liu, X., Zhang, J. G., Bouloux, P., De Geyter, C., De Paepe, A., Dhillon, W. S., Ferrara, J. M., Hauschild, M., Lang-Muritano, M., Lemke, J., Flück, C. E., Nemeth, A., Phan-Hug, F., Pignatelli, D., Popovic, V., Pekic, S., Quinton, R., Szinnai, G., l'Allemand, D., Konrad, D., Sharif, S., Iyidir, Ö. T., Stevenson, B. J., Yang, H., Dunkel, L., & Pitteloud, N. (2018). Congenital hypogonadotropic hypogonadism and constitutional delay of growth and puberty have distinct genetic architectures. *European Journal of Endocrinology*, 178(4), 377-388. doi:10.1530/eje-17-0568 [content expert]

76. Cohen, S. S., & **Dwyer, A. A.** (2018). PENS position statement on bullying prevention. *Journal of Pediatric Nursing*, 39, 91-93. doi:10.1016/j.pedn.2017.12.007
75. • Zoni, S., Verga, M. E., Hauschild, M., Aquarone-Vaucher, M. P., Gyuriga, T., Ramelet, A. S., & **Dwyer, A. A.** (2018). Patient perspectives on nurse-led consultations within a pilot structured transition program for young adults moving from an academic tertiary setting to community-based type 1 diabetes care. *Journal of Pediatric Nursing*, 38, 99-105. doi:10.1016/j.pedn.2017.11.015 [senior author, mentor, methodologist]
74. Maione, L., **Dwyer, A. A.**, Francou, B., Guiochon-Mantel, A., Binart, N., Bouligand, J., & Young, J. (2018). Genetic counseling for Kallmann syndrome. *European Journal of Endocrinology*, 178(3), R55-R80. doi:10.1530/EJE-17-0749 [content expert]
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a single family with a mutation in the fibroblast growth factor receptor 1 gene. *Journal of Clinical Endocrinology & Metabolism*, 90(3), 1317-1322. doi:10.1210/jc.2004-1361 [detailed phenotyping, writing team]

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## Chapters

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#### Meeting monographs

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1. Pitteloud, N. & **Dwyer, A.** (2013). Histoire Naturelles des Pubertes Retardees [Natural history of delayed puberty]. Programme 33èmes journées Nicolas Gueritee. Paris, France (November 29-30<sup>th</sup>, 2013).

#### Commentaries and invited editorials

12. **Dwyer, A. A.**, Calzone, K. A., Dewell, S., Badzek, L., & Patch, C. (2021). Correspondence on Nissell et al. "Ensuring best practice in genomics education and evaluation: Reporting item standards for education and its evaluation in genomics (RISE2 Genomics)". *Genet Med* (**in press**). doi: 10.1016/j.gim.2021.11.023
11. **Dwyer, A. A.** & Quinton, R. (2020). Editorial: New aspects in hypogonadism. *Frontiers in Endocrinology*, 11, 426. doi:10.3389/fendo.2020.00426
10. **Dwyer, A. A.**, Pedrazzani, C., & Katapodi, M. (2019). Pflegefachkräfte in der Genetik- und Genomik-Ära [Nursing in the Genetic and Genomic Era]. *Leading Opinions: Hämatologie & Onkologie*, 10(6), 6-8.
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6. Pellet, J., **Dwyer, A. A.**, & Mabire, C. (2018). La préparation des séniors à la sortie de l'hôpital [Preparing seniors for hospital discharge]. *Krankenpflege | Soins infirmiers | Cure infirmieristiche* (Association of Swiss Nurses, ASI-SBK), 6, 76-77.
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## **Refereed abstracts**

### **International**

2022

Global collaboration to develop minimum competencies in genomics for all nurses. Calzone, K., Dwyer, A. A., Badzek, L., Dewell, S., & Tonkin, E. 33rd International Nursing Research Congress (Sigma Theta Tau International). Edinburgh, Scotland - July 2022

Global Genomic Nursing Alliance (G2NA): Collaborating to Accelerate Genomic Integration to Improve Health Outcomes. Calzone, K., Badzek, L., Tonkin, E., Dewell, S., & Dwyer, A. A. 33rd International Nursing Research Congress (Sigma Theta Tau International). Edinburgh, Scotland - July 2022

Comparison of nurse-led clinics in transgender health: Insights on best practices. Dwyer, A.A., White, B.P, Bobrowich, E.G., Carruthers, P., Ducar, D., Ernstsson, C., Barrett, S., Greenspan, D. Endocrine Nurses Society Symposium at the 104<sup>th</sup> Annual Meeting of the Endocrine Society, Atlanta, USA - June 2022

Patient Assessment Chronic Illness Care (PACIC) and its associations with quality of life among Swiss patients with systemic sclerosis – a mixed methods study. Kocher, A., Simon, M., Dwyer, A. A., Blatter, C.,

Bogdanovic, J., Kunzler-Heule, P., Villiger, P. M., Dan, D., Distler, O., Walker, U. A., & Nicca, D. EULAR European Congress of Rheumatology. Copenhagen, Denmark – June 2022

2021 Insulin growth factor 1, but not insulin growth factor binding protein 3, predicts central precocious puberty in girls 6 to 8 years-old: A retrospective study. Escagedo, P.D., Deal, C. L., Dwyer, A. A., & Hauschild, M. 103rd Annual Meeting of the Endocrine Society. Virtual meeting - March 2021

2020 Defining Global Minimum Nursing Competencies in Genomics. Tonkin, E., Calzone, K., Patch C., Badzek, L., Dwyer, A., & Dewell, S. Annual Congress of the International Society of Nurses in Genetics (ISONG). Virtual meeting – November 2020

Decision Coaching for People Preparing to Make Health Care Decisions: A Systematic Review Using an Integrated Knowledge Translation Approach. Jull, J., Köpke, S., Rahn A., Finderup, J., Boland, L., Lewis, K., Kienlin, S., Dwyer, A., Carley, M., Smith, M., & Stacey, D. 42nd Annual Meeting of the Society for Medical Decision Making. Chicago, USA - October 2020 (Virtual meeting, COVID-19)

Chronic disease management and health technology readiness of patients with systemic sclerosis in Switzerland – a cross-sectional study. Kocher, A. Simon, M., Chizzolini, C., Distler, O., Dwyer, A. A., Villiger, P. M., Walker, U., & Nicca, D. EULAR European Congress of Rheumatology. Frankfurt, Germany – June 2020 (Virtual meeting, COVID-19)

Structure, process and outcomes of transitional care in endocrinology: Pilot results from the INTERSECT study (INTERNational Study of Endocrine Care during Transition to adult-oriented care). McGauley, C., Shen, H., de Graaff, L., Hauschild, M., & Dwyer, A. A. 102nd Annual Meeting of the Endocrine Society. San Francisco, USA - March 2020 (Virtual meeting, COVID-19) *J Endocr Soc*, Vol 4, Issue Supplement 1, April-May 2020, MON-125, <https://doi.org/10.1210/jendso/bvaa046.496>

2019 Human Congenital Arhinia Is Associated with GnRH Deficiency and Primary Testicular Defects. Delaney, A., Volochayev, R., Meader, B., Lee, J., Almpani, N., Noukelak, G., Brooks, B., Henkind, J., Chalmers, L., Law, J. R., FitzPatrick, D. R., Williamson, K. A., Jacobsen, C., Pineda-Buitrago, T., Perez, O., Hee Cho, C., Kaindl, A., Rauch, A., Steindl, K., Garcia, J.E., Bart, L., Russell, B., Prasad, R., Mondal, U., Reigstad, H. M., Clements, S., Salnikov, K., DiOrio, N., Balasubramanian, R., Dwyer, A. A., Seminara, S. B., Crowley, W. F., Plummer, L., Hall, J. E., Graham, J. M., Lin, A. E., & Shaw, N. D. 101st Annual Meeting of the Endocrine Society. New Orleans, USA - March 2019

2017 Caring matters: A cross-sectional study of patient perspectives on nurse-led consultations as part of structured transitional care for type 1 diabetes. Verga, M. E., Zoni, S., Aquarone-Vaucher, M. P., Gyuriga, T., Hauschild,

M., Ramelet, A. S., & Dwyer, A. International Pediatric Endocrine Nursing Summit at the 10th International Meeting of Pediatric Endocrinology. Washington D.C., USA - September 2017

A roadmap for developing an online virtual empowerment toolkit for patients with congenital hypogonadotropic hypogonadism. Dwyer, A. & COST Action BM1105. Radiz 5th International Rare Disease Summer School. Zurich, Switzerland – June 2017

Comparison of glucose levels, peak growth hormone & peak cortisol levels during insulin tolerance test (0.15 vs 0.10 U/Kg). Yeoh, P., Kisalu, J., Dwyer, A. A., Grossman, A., Bouloux, P. M., Khoo, B., Chew, S. L., Baldeweg, S., Carroll, P., & Aylwin, S. **\*Best Nursing Poster Award**. 19th European Congress of Endocrinology. Lisbon, Portugal - May 2017

Evaluating CHARGE syndrome in CHD7-positive CHH patients: clinical implications. Xu, C., Cassatella, D., van der Sloot, A., Hauschild, M., Quinton, R., De Geyter, C., Fluck, C., Feller, K., Bartholdi, D., Nemeth, A., Halperin, I., Santini, S., Papadakis, G., Dwyer, A., Marino, L., Pignatelli, D., Huang, C., Neiderlander, N., Acierno, J., & Pitteloud, N. 19th European Congress of Endocrinology. Lisbon, Portugal - May 2017

Feasibility of advanced practice nurse in lung cancer consultations during early treatment: a phase II study. Serena, A., Dwyer, A., Peters, S., & Eicher, M. 2017 European Cancer Congress. Amsterdam, Netherlands - January 2017

2016

Early diagnosis and treatment of a newborn with POU1F1 mutation. Bouthors, T., Antoniou, M. C., Dwyer, A., Stoppa-Vaucher, S., Elowe-Gruau, E., Phan-Hug, F., Pitteloud, N., & Hauschild, M. 55th Annual Meeting of the European Society of Paediatric Endocrinology. Paris, France – September, 2016

A novel CHD7 mutation in an adolescent presenting with pubertal and growth delay. Antoniou, M. C., Xu, C., Bouthors, T., Stoppa-Vaucher, S., Elowe-Gruau, E., Phan-Hug, F., Cassatella, D., Dwyer, A., Pitteloud, N., & Hauschild, M. 55th Annual Meeting of the European Society of Paediatric Endocrinology. Paris, France – September, 2016

Polycystic ovarian syndrome in a population of obese adolescents. Elowe-Gruau, E., Ameti, A., Gonzalez, E., Vial, Y., Renteria, S., Bouthors, T., Borloz, S., Puder, J., Stoppa-Vaucher, S., Phan-Hug, F., Dwyer, A., Hauschild, M., & Pitteloud, N. 55th Annual Meeting of the European Society of Paediatric Endocrinology. Paris, France – September, 2016

Global genomics nursing alliance (G2NA): Accelerating the integration of genomics into everyday practice. Katapodi, M., & Dwyer, A. 2016 International Society of Nurses in Genetics (ISONG) World Congress. Dublin, Ireland – August 2016



Transition from pediatric to adult care of patients with Klinefelter syndrome. Hauschild, M., Dwyer, A., Vaucher, L., Phan-Hug, F., Pichard, S., & Pitteloud, N. 98th Annual Meeting of the Endocrine Society. Boston, USA - April 2016

Reversal of growth hormone deficiency (GHD): a case report. Phan-Hug, F., Dwyer, A., Hauschild, M., Stoppa-Vaucher, S., Elowe-Gruau, E., & Pitteloud, N. 98th Annual Meeting of the Endocrine Society. Boston, USA - April 2016

Unheard voices: The experiences and illness perceptions of women with Kallmann Syndrome. Dwyer, A., Quinton, R., Morin, D., & Pitteloud, N. **\*Best Nursing Poster Award**. 98th Annual Meeting of the Endocrine Society. Boston, USA - April 2016

2015

A patient with primary amenorrhea and end stage renal disease. Santini, S., Phan-Hug, F., Lamine, F., Moser, N., Surbone, A., Mathevet, P., Dwyer, A., Rebecchini, C., Lhermitte, B., Ahtari, C., & Pitteloud, N. 54th Annual Meeting of the European Society for Paediatric Endocrinology, Barcelona, Spain – October 2015.

Assessment of impaired glucose tolerance and diabetes in an obese paediatric population. Elowe-Gruau, E., Bouthors, T., Pivin, E., Buzduga, M., Laufer, D., Borloz, S., Puder, J., Stoppa-Vaucher, S., Phan-Hug, F., Dwyer, A., Hauschild, M., & Pitteloud, N. 54th Annual Meeting of the European Society for Paediatric Endocrinology, Barcelona, Spain – October 2015.

Developing a targeted, mobile-health technology (e-book) to promote self-care during diabetes transition. Dwyer, A., Unal, S., Emmanouilidis, S., Aquarone-Vaucher, M. P., Korpes, J., Gattolliat, E., Gyuriga, T., Pichard, S., Amati, F., Bouthors, T., Williams-Smith, J., Puder, J., Tran, C., Gonzalez-Rodriguez, E., Stoppa-Vaucher, S., Elowe-Gruau, E., Zanchi, A., Phan Hug, F., Pitteloud, N., Jornayvaz, F., & Hauschild, M. 54th Annual Meeting of the European Society for Paediatric Endocrinology. Barcelona, Spain – October 2015.

2014

Autoimmune Polyglandular Syndrome in a patient with Tuberous Sclerosis. Stoppa-Vaucher, S., Jatton-Chabloz, T., Roulet, E., Elowe-Gruau, E., Phan Hug, F., Dwyer, A., Pitteloud, N., & Hauschild, M. 53rd Annual Meeting of the European Society for Paediatric Endocrinology, Dublin, Ireland - September 2014.

Implementation of effective transition from pediatric to adult diabetes care with an outpatient transition nurse. Elowe-Gruau, E., Aquarone-Vaucher, M. P., Schluter, V., Phan-Hug, F., Stoppa-Vaucher, S., Dwyer, A., Pitteloud, N., & Hauschild, M. **\*Presidential Poster Award**. 53rd Annual

Meeting of the European Society for Paediatric Endocrinology, Dublin, Ireland - September 2014.

Extending the reach of nursing care: using technology to enhance access to expert care for patients with rare genetic disorders. Dwyer, A., Pitteloud, N., & Morin, D. 8th International nurse practitioner/advanced practice nursing network conference. Helsinki, Finland - August 2014.

KLB, encoding the co-receptor for FGF21, is a novel locus underlies congenital GnRH deficiency. Somm, E., Xu, C., Miraoui, H., Kinnunen, T., Preitner, N., Dwyer, A., Sykiotis, G., Quinton, R., Crowley, W. F., Hauschild, M., Phan-Hug, F., Sidis, Y., Mohammadi, M., & Pitteloud, N. The 16th International Congress for Endocrinology & the 96th Annual Meeting of the Endocrine Society. Chicago, USA - June 2014.

Adherence to treatment for chronic hypogonadism: The role of illness perceptions and depressive symptoms. Dwyer, A., Tiemensma, J., Quinton, R., Morin, D., & Pitteloud, N. **\*Best Nursing Poster Award**. 16th European Congress of Endocrinology. Wroclaw Poland - May 2014.

2013

Mutations in the BMP genetic network in patients with congenital GnRH deficiency. Cassatella, D., Liang, J., Dwyer, A., Sykiotis, G., Miraoui, H., Hughes, V. A., Xu, C., Santini, S., Liu, X. Z., Quinton, R., Bouloux, P. M., Lang-Muritano, M., Stevenson, B. J., Sidis, Y., Zhang, J. G., & Pitteloud, N. American Society of Human Genetics Annual Meeting, Boston, USA - October 2013.

Prepubertal diagnosis of congenital hypogonadotropic hypogonadism by whole-exome sequencing in a neonate with microphallus and cryptorchidism. Xu, C., Lang-Muritano, M., Cassatella, D., Dwyer, A., Phan-Hug, F., Hauschild, M., Sykiotis, G., Stevenson, B. J., Mohammadi, M., & Pitteloud, N. 9th Joint Meeting of Paediatric Endocrinology, Milan, Italy - September 2013.

Short stature, complex cardiac defects, and developmental delays associated with a de novo microduplication of chromosome 15q13.2q13. Addor, M. C., Martinet, D., Phan Hug, F., Stoppa, S., Cassatella, D., Dwyer, A., Pitteloud, N., & Hauschild, M. 9th Joint Meeting of Paediatric Endocrinology, Milan, Italy - September 2013.

Central Role of the Nurse in the Transition from Pediatric to Adult Endocrine Care. Dwyer, A., Hauschild, M., Phan-Hug, F., Amati, F., Gyuriga, T., Emmanouilidis-Bertholet, S., Parisod-Messerli, A., & Pitteloud, N. 94th Annual Meeting of the Endocrine Society, San Francisco, USA - June 2013.

Cerebellar ataxia and primary ovarian insufficiency associated to a 195.6 Kb deletion on chromosome 6p25.1. Hauschild, M., Martinet, D.,

Cassatella, D., Phan Hug, F., Dwyer, A., & Pitteloud, N. 94th Annual Meeting of the Endocrine Society, San Francisco, USA - June 2013.

Interactome-Based Affiliation Scoring (IBAS) is a novel bioinformatic tool to identify and prioritize candidate genes: Validation study in congenital hypogonadotropic hypogonadism. Miraoui, H., Dwyer, A., Sykiotis, G. P., Plummer, L., Chung, W., Feng, B., Beenken, A., Clarke, J., Pers, T. H., Dworzynski, P., Keefe, K., Niedziela, M., Raivio, T., Crowley, W. F., Seminara, S. B., Quinton, R., Hughes, V. A., Kumanov, P., Young, J., Yialamas, M. A., Hall, J. E., Van Vliet, G., Chanoine, J. P., Rubenstein, J., Mohammadi, M., Tsai, P. S., Sidis, Y., Lage, K., & Pitteloud, N. 94th Annual Meeting of the Endocrine Society, San Francisco, USA - June 2013.

2012 Creating a European consortium to study GnRH deficiency (COST Action BM1105). Pitteloud, N., & Dwyer, A. **\*Presidential Poster Award**. 51st Annual Meeting of the European Society for Paediatric Endocrinology, Leipzig, Germany - September 2012.

Role of FRS2/FRS3 in GnRH neuron ontogeny. Cassatella, D., Jacobson-Dickman, E., Sykiotis, G., Beenken, A., Chen, H., Raivio, T., Plummer, L., Rey, J. P., Dwyer, A., Eliseenkova, A. V., Speiser, P., Sidis, Y., Mohammadi, M., & Pitteloud, N. Gordon Research Conference "Fibroblast Growth Factors in Development & Disease". Les Diablerets, Switzerland - May 2012.

2011 Mutations in the FGF8 genetic network underlie a large proportion of isolated human GnRH deficiency. Miraoui, H., Feng, B., Sykiotis, G., Plummer, L., Quinton, R., Hughes, V., Crowley, W. F., Dwyer, A., Sidis, Y., Mohammadi, M., & Pitteloud, N. 93rd Annual Meeting of the Endocrine Society, Boston, USA - June 2011.

Role of FSH prior to LH + FSH on testes development in humans: Effects on histologic, biochemical, and fertility parameters in men with isolated GnRH deficiency and prepubertal testes. Dwyer, A., Sykiotis, G., Hayes, F. J., Boepple, P. A., Loughlin, K. R., Dym, M., Crowley, W. F., & Pitteloud, N. 93rd Annual Meeting of the Endocrine Society, Boston, USA - June 2011.

2010 TAC3/TACR3 mutations reveal preferential activation of GnRH release by neurokinin B in neonatal life followed by reversal in adulthood. Gianetti, E., Tusset, C., Noel, S. D., Au, M., Dwyer, A., Hughes, V. A., Abreu, A. P., Carroll, R., Trarbach, E., Silveira, L. F. G., Costa, E. M. F., Mendonça, B. B., Castro, M., Lofrano, A., Hall, J. E., Bolu, E., Ozata, M., Quinton, R., Amory, L. K., Stewart, S. E., Arlt, W., Cole, T. R., Crowley, W. F., Kaiser, U. B., Latronico, A. C., & Seminara, S. B. 92nd Annual Meeting of the Endocrine Society, San Diego USA - June 2010.

Genotype prediction based on clinical features of GnRH deficiency. Hoang, X., Keefe, K. W., Plummer, L., Dwyer, A., Au, M., Sykiotis, G., Raivio, T.,

Quinton, R., Hughes, V., Seminara, S., Hayes, F. J., Hall, J. E., Crowley, W. F., & Pitteloud, N. 92nd Annual Meeting of the Endocrine Society, San Diego, USA - June 2010.

Male functional hypogonadotropic hypogonadism: A distinct clinical entity? Chavan, N., Dwyer, A., Keefe, K. W., Sykiotis, G., Plummer, L., Seminara, S., Butler, P., Collins, M. T., Crowley, W. F., & Pitteloud, N. 92nd Annual Meeting of the Endocrine Society, San Diego, USA - June 2010.

**Media Coverage:** MedpageToday (06/23/2010) Pursuit of Six Pack Abs May Trigger New Malady.

<https://www.medpagetoday.com/meetingcoverage/endo/20844>

Fertile eunuch syndrome: Genetics and natural history. Balasubramanian, R., Hoang, X., Dwyer, A., Sykiotis, G., Seminara, S., Crowley, W. F., & Pitteloud, N. 92nd Annual Meeting of the Endocrine Society, San Diego, USA - June 2010.

2008 Homozygous loss of function mutation in PROK2 causes Kallmann syndrome and circadian rhythm abnormalities. Cohen, D. A., Pitteloud, N., Pignatelli, D., Dwyer, A., Crowley, W. F., & Klerman, E. B. 90th Annual Meeting of the Endocrine Society, San Francisco CA, June 2008.

2007 Physiologic and genetic insights into adult onset hypogonadotropic hypogonadism. Pitteloud, N., Dwyer, A., Falardeau, J., Hayes, F. J., Seminara, S., Raivio, T., Cole, L., & Crowley, W. F. 89th Annual Meeting of the Endocrine Society, Toronto, Canada - June 2007.

Previously underappreciated pituitary and gonadal defects in men with idiopathic hypogonadotropic hypogonadism & Kallmann syndrome. Pitteloud, N., Thambundit, A., Dwyer, A., Hayes, F. J., Raivio, T., Seminara, S., Hughes, V., & Crowley, W. F. 89th Annual Meeting of the Endocrine Society, Toronto, Canada - June 2007.

Human FGFR1 mutations implicate specific downstream signaling pathways in the pathogenesis of idiopathic hypogonadotropic hypogonadism. Topaloglu, A. K., Jacobson-Dickman, E., Plummer, L., Sidis, Y., Chen, H., Eliseenkova, A. V., Raivio, T., Dwyer, A., Martin, K. A., Yialamas, M., Bergwitz, C., Speiser, P., Mungan, N., Yuksel, B., Farooqi, S., O'Rahilly, S., Mohammadi, M., & Pitteloud, N. 89th Annual Meeting of the Endocrine Society, Toronto, Canada - June 2007.

Variable reproductive and non-reproductive phenotypes within and across kindreds harboring identical mutations of FGFR1. Quinton, R., Hughes, V., Raivio, T., Dwyer, A., Plummer, L., Seminara, S., Jacobson-Dickman, E., Hayes, F. J., Pearce, S., Mohammadi, M., Bouloux, P., Crowley, W. F., & Pitteloud, N. 89th Annual Meeting of the Endocrine Society, Toronto, Canada - June 2007.

FGF8 is a key ligand for FGFR1 in GnRH ontogeny: Evidence from the human disease model of idiopathic hypogonadotropic hypogonadism. Raivio, T., Cole, L., Hayes, F. J., Seminara, S., Hughes, V., Dwyer, A., Quinton, R., Pearce, S., Hall, J. E., Crowley, W. F., Mohammadi, M., & Pitteloud, N. 89th Annual Meeting of the Endocrine Society, Toronto, Canada - June 2007.

An increasing role for oligogenicity in normosmic idiopathic hypogonadotropic hypogonadism & Kallmann syndrome. Cole, L., Plummer, L., Quinton, R., Jacobson-Dickman, E., Raivio, T., Seminara, S., Hughes, V., Dwyer, A., Hayes, F. J., Pearce, S., Mohammadi, M., Bouloux, P., Crowley, W. F., & Pitteloud, N. 89th Annual Meeting of the Endocrine Society, Toronto, Canada - June 2007.

2006 Role of FSH in enhancing LH stimulated testosterone secretion: Use of the human model of idiopathic hypogonadotropic hypogonadism. Dwyer, A., Raivio, T., Falardeau, J., Hughes, V., Hayes, F. J., Crowley, W. F., & Pitteloud, N. 88th Annual Meeting of the Endocrine Society, Boston, USA - June 2006.

Reversibility of well-characterized men with Kallman syndrome & normosmic idiopathic hypogonadotropic hypogonadism: Implications for GnRH physiology. Raivio, T., Falardeau, J., Dwyer, A., Plummer, L., Hughes, V., Quinton, R., Hayes, F. J., Seminara, S., Crowley, W. F., & Pitteloud, N. 88th Annual Meeting of the Endocrine Society, Boston, USA - June 2006.

2004 Evaluation and quantification of the informed consent process. Dwyer, A. 86th Annual Meeting of the Endocrine Society, New Orleans, USA - June 2004.

2003 Acute stress masking the biochemical phenotype of partial androgen insensitivity syndrome in a patient with a novel mutation in the androgen receptor. Pitteloud, N., Villegas, J., Dwyer, A., Crowley, W. F., McPhaul, M. J., Hayes, F. J. 85th Annual Meeting of the Endocrine Society, Philadelphia, USA - June 2003.

2002 Predictors of outcome to long term GnRH therapy in men with idiopathic hypogonadotropic hypogonadism. Pitteloud, N., Hayes, F. J., Dwyer, A., Boepple, P., Lee, H., & Crowley, W. F. 84th Annual Meeting of the Endocrine Society, San Francisco, USA - June 2002.

### National

2022 Latina women's knowledge of, preferences for, and experiences with prenatal genetic testing: A scoping review. Grafft, N., Piñeros-Leano, M., & Dwyer, A. A. 5th ELSI Conference. New York, USA (virtual) – June 2022

- 2021 Patient and healthcare professional e-health literacy and needs for systemic sclerosis support: A mixed methods study. Kocher, A., Simon, M., Dwyer, A. A., Blatter, C., Bogdanovic, J., Kuenzler-Heule, P., Villiger, P. M., Dan, D., Distler, O., Walker, U. A., & Nicca, D., **\*Best research award - health professional in rheumatology.** Annual Congress of the Swiss Rheumatology Society. Lausanne, Switzerland – September, 2021
- 2018 Development of an innovative chronic care model for people living with systemic sclerosis: MANOSS study protocol. Kocher, A., Simon, M., Dwyer, A. A., Villiger, P. M., & Nicca, D., Annual Congress of the Swiss Rheumatology Society. Interlaken, Switzerland – September, 2018
- International survey examining structure, process and outcomes of transitional care for young adults with chronic endocrine disorders: A research protocol. McGauley, C., Davies, K., Hozjan, I., Schwarz, W., & Dwyer, A. Annual Meeting of the Pediatric Endocrinology Nursing Society. Bonita Springs, FL, USA – May 2018
- 2014 Exome sequencing identifies Neuron-Derived Neutrophilic Factor (NDNF) as a candidate gene for Kallmann Syndrome. Santini, S., Cassatella, D., Xu, C., Phan-Hug, F., Hauschild, M., Acierno, J., Dwyer, A., Sidis, Y., Merlo, G., Giacobini, P., Raivio, T., & Pitteloud, N. **\*Best Poster Award.** Annual meeting of the Swiss Society of Endocrinology and Diabetes. Bern, Switzerland - November 2014.
- KLB encoding the co-receptor for FGF21 is mutated in congenital hypogonadotropic hypogonadism. Xu, C., Somm, E., Miraoui, H., Kinnunen, T., Preitner, N., Dwyer, A., Sykiotis, G., Quinton, R., Crowley, W. F., Hauschild, M., Phan-Hug, F., Sidis, Y., Mohammadi, M., & Pitteloud, N. Annual meeting of the Swiss Society of Endocrinology and Diabetes. Bern, Switzerland - November 2014.
- Exploring the molecular basis and phenotypic spectrum of reproductive disorders in South Africa. Katz, A., Dwyer, A., Xu, C., Pitteloud, N., & Millar, R. Society for Endocrinology, Metabolism and Diabetes of South Africa. Durban, South Africa - April 2014
- 2010 Similar expression as FGF (SEF): A novel locus for Kallmann syndrome. Miraoui, H., Feng, B., Chung, W., Au, M., Plummer, L., Dwyer, A., Quinton, R., Seminara, S., Chanoine, J. P., Sykiotis, G., Sidis, Y., Tsai, P., & Pitteloud, N. Annual meeting of the Swiss Society of Endocrinology and Diabetes. Bern, Switzerland - November 2010.
- 2006 Supplementing the informed consent process with visual aids. Cagliero, E., Saltzman, A., Dunkless, D., Dwyer, A., Hewitt, C. L., Higgins, H. A., Ricciardi, C., & Tsay, R. National Meeting of General Clinical Research Centers, Washington DC, USA - March 2006.

- 2021 Developing a mobile-health tool to close gaps in transitional care for patients with Klinefelter syndrome. Edelman, L., Heritier, V., Llahana, S., Hauschild, M., & Dwyer, A. 2021 Sigma theta Tau (Alpha Chi) Annual Spring Research Program and Awards Ceremony. Chestnut Hill MA – April 2021 (Virtual meeting, COVID-19)
- 2020 Structure, process and outcomes of transitional care in endocrinology: Pilot results from the INTERSECT study (INTERNational Study of Endocrine Care during Transition to adult-oriented care). McGauley, C., Shen, H., de Graaff, L., Hauschild, M., & Dwyer, A. A. MGH Nursing Research Day. Boston, MA – October 2020 (Virtual meeting, COVID-19)
- 2018 Caring matters: A cross-sectional study of patient perspectives on nurse-led consultations as part of structured transitional care for type 1 diabetes. Verga, M. E., Zoni, S., Aquarone-Vaucher, M. P., Gyuriga, T., Hauschild, M., Ramelet, A. S., & Dwyer, A. MGH Nursing Research Day. Boston, MA - May 2018
- 2016 Assurer une continuité des soins dans la transition des services pédiatriques vers les services adultes : évaluation du rôle des soins infirmiers pour le diabète de type 1 [Assuring continuity of care in the transition from pediatric to adult services: Evaluating the role of nursing for Type 1 diabetes]. Verga, M. E., Zoni, S., Aquarone-Vaucher, M. P., Dwyer, A., Gyuriga, T., Hauschild, M., & Ramelet, A. S. Research Day for the CHUV Department of Pediatric Medicine and Surgery (Journée de Recherche du DMCP), Lausanne, Switzerland – February 2016.
- 2014 Health promotion in rare disease patients: A mixed-methods study of men with congenital hypogonadotropic hypogonadism. Dwyer, A., Tiemensma, J., Pitteloud, N., & Morin, D. 1st Symposium de l'IUFRS: cinq années de rigueur scientifique et d'audace! Lausanne, Switzerland -February 2014.
- A collaborative approach to transitional care for adolescents with chronic endocrine conditions. Dwyer, A., Hauschild, M., Phan-Hug, F., Unal, S., Pichard, S., Gyuriga, T., Emmanouilidis-Bertholet, S., Parisod-Messerli, A., Amati, F., & Pitteloud, N. 1st Symposium de l'IUFRS: cinq années de rigueur scientifique et d'audace! Lausanne, Switzerland - February 2014.
- Evaluation de l'indice de masse corporelle chez l'enfant référé pour trouble pubertaire [Evaluation of body measures among children referred for pubertal disorders]. Wagner, A., Pichard, S., Phan-Hug, F., Elowe-Gruau, E., Dwyer, A., Pitteloud, N., & Hauschild, M. Research Day for the CHUV Department of Pediatric Medicine and Surgery (Journée de Recherche du DMCP), Lausanne, Switzerland - January 2014.
- 2013 European consortium to study disorders of puberty. Dwyer, A., Hauschild, M., Phan-Hug, F., & Pitteloud, N. Research Day for the CHUV Department

of Pediatric Medicine and Surgery (Journée de Recherche du DMCP),  
Lausanne, Switzerland - January 2013.

- 2012 Identifying new disease-associated genes in Kallmann syndrome using whole-exome sequencing. Cassatella, D., Liang, J., Dwyer, A., Rey, J. P., Hughes, V., Quinton, R., Bouloux, P., Lang-Muritano, M., Sidis, Y., & Pitteloud, N. **\*Best Poster Award**. University of Lausanne Faculty of Biology and Medicine Research Day “The World of Omics”. Lausanne, Switzerland - June 2012.
- 2011 Energy deficits and functional hypogonadotropic hypogonadism in men. Dwyer, A., Keefe, K. W., Sykiotis, G., Butler, P., Collins, M. T., Crowley, W. F., & Pitteloud, N. University of Lausanne Faculty of Biology and Medicine Research Day. Lausanne, Switzerland - January 2011.
- 2009 Abrupt decrease in testosterone following an oral glucose load in men. Caronia, L., Dwyer, A., Hayden, D., Pitteloud, N., & Hayes, F. J. **\*Poster of distinction award**. Massachusetts General Hospital Clinical Research Day, Boston, MA - February 2009.
- 2007 Mutations in PROKR2 cause both Kallmann syndrome & normosmic idiopathic hypogonadotropic hypogonadism. Pitteloud, N., Cole, L., Sidis, Y., Plummer, L., Hughes, V., Quinton, R., Seminara, S., Hayes, F. J., Huot, C., Alos, N., Lavoie, H., Speiser, P., Takeshita, A., VanVliet, G., Pearce, S., Dwyer, A., Zhou, Q. Y., & Crowley, W. F. **\*Poster of distinction award**. Massachusetts General Hospital Clinical Research Day, Boston, USA - February 2007.
- 2005 Idiopathic hypogonadotropic hypogonadism as part of a complex syndrome including leukodystrophy, and oligodontia: Detailed phenotypic characterization. Seminara, S., Dwyer, A., Schiffman, R., & Crowley, W. F. Massachusetts General Hospital Clinical Research Day, Boston, MA - June 2005.
- Seeing is believing: Results from a randomized controlled trial comparing written and multimedia informed consent formats. Dwyer, A. Massachusetts General Hospital Clinical Research Day, Boston, MA - June 2005.
- Use of the human disease model hypogonadotropic hypogonadism and mutations in FGFR1: Genotype-phenotype spectrum, use of structural data, and possible role in digenic disease. Pitteloud, N., Acierno, J., Meysing, A., Hayes, F. J., Dwyer, A., Hughes, V., Seminara, S., & Crowley, W. F. **\*Poster of distinction award**. Massachusetts General Hospital Clinical Research Day, Boston, MA - February 2005.
- 2003 Avoiding the ‘Crick’ in the road: Key insights from a decode genetics and Partners Healthcare System collaboration. Dwyer, A., DiTomasso, C., Lammer, L., Nikzad, A., Quarrington, C., Richardson, R., Sutula, K., &



Scheer, J. Massachusetts General Hospital Clinical Research Day, Boston, MA - May 2003.

## **Dissertation**

Title: The Health Promotion Model and rare disease patients: A mixed methods study examining adherence to treatment in men with congenital hypogonadotropic hypogonadism

Advisors: Prof. Diane Morin & Prof. Nelly Pitteloud

Public defense: November 10, 2014

\*awarded Foreso Prize for best dissertation (Faculty of Biology & Medicine)

## **RESEARCH AND SCHOLARSHIP:**

I am a board certified family nurse practitioner with 20+ years experience working in translational research and in interprofessional teams. My expertise is in endocrinology and genomics. Broadly, my program of research focuses on developing more person-centered approaches to care that foster patient engagement and overcome health disparities. I employ community-based participatory research, web-based technologies, and principles of health literacy and co-creation. I use a variety of approaches in my research including quantitative methods, qualitative inquiry, as well as mixed methods to address questions relating to endocrine disorders of growth and puberty, rare diseases, genetic disorders and transitional care for adolescents and young adults with chronic health conditions.

## **Research Funding**

### **Federal**

- |           |   |
|-----------|---|
| 2021-2026 | 1 P50 HD104224-01 NICHD (\$7,556,370 USD) - PD: Seminara<br>“Massachusetts General Hospital - Harvard Center for Reproductive<br>Medicine”<br>Role: PI (Core C: Education/Outreach)   |
| 2020-2022 | 1 R03 TR003533-01 NCATS (\$156,000 USD)<br>“Identifying predictors of reversal for congenital hypogonadotropic<br>hypogonadism”<br>Role: PI   |
| 2019-2021 | NICHD P50 HD28138 (04/01/1991 - 03/31/2021) - PD: Seminara<br>Harvard Reproductive Endocrine Sciences Center<br>“Discovering new mendelian genes controlling human reproduction using<br>the human disease model of isolated GnRH deficiency (IGD)”<br>Role: Key-Investigator (Outreach core) |

### **Intramural**

- |      |   |
|------|---|
| 2021 | Schiller Institute Grant for Exploratory Collaborative Scholarship (\$50,000)<br>“Developing Culturally-Tailored Interventions to Overcome Genomic<br>Health Disparities in Communities of Color” |
|------|---|

Role: Co-PI (Dwyer / Piñeros-Leaño / Hesse Biber)

- 2020 Boston College, Research Expense Grant (\$2,000 USD)  
“Elucidating patient decision-making for testing of common and rare genetic conditions”  
Role: PI (Co-I: Rutirasiri)
- 2019 Boston College, Research Across Departments Grant (\$50,000 USD)  
“Examining choice architecture for genetic testing decisions”  
Role: PI (co-PI: Zhao)
- 2019 Boston College, Kolvenbach Grant (\$1,000)  
“Enhancing genetic literacy through visual presentation of numerical data”  
Role: PI
- 2018 Boston College, Research Expense Grant (\$2,000 USD)  
“International study of endocrine care during transition to adult-oriented care (INTERSECT)”  
Role: PI

### **Foundation**

- 2016 Rare Disease Foundation, Research Grant (\$2,500 CAD)  
“Testing the acceptability of a digital empowerment toolkit co-created with patients with congenital hypogonadotropic hypogonadism”  
Role: PI
- 2013 Short-Term Scientific Mission, COST Action BM1105 (€1,200 euro)  
“Examining coping and health promoting behavior in patients with congenital hypogonadotropic hypogonadism”  
Role: PI
- 2012 Endocrine Nurses Society, Research Grant (\$1,000 USD)  
“The Health Promotion model and rare disease patients: A mixed methods study examining adherence to treatment in men with congenital hypogonadotropic hypogonadism”  
Role: PI
- 2003 Endocrine Nurses Society, Research Grant (\$1,000 USD)  
“Evaluation & Quantification of the Informed Consent Process”  
Role: PI

### **Grant Submissions**

#### **Federal**

- 2019 R21 NHGRI (\$275,000 USD)  
“Elucidating decision-making for testing of common and rare genetic conditions”

Role: PI  
Status: scored (44%ile), not funded

- 2018 U54 NICHD (\$1,143,030 USD)  
Project 1: “Rare Endocrine (Genetic) Disorders of Reproduction ConsorTium (REDIRECT)”  
Role: PI, Project 1 (PD – Project 3: Seminara, PI – Project 2: Chan)  
Status: scored (40%ile), not funded
- 2018 R21 NHGRI (\$275,000 USD)  
“Elucidating choice architecture and patient decision-making for testing of common and rare genetic conditions”  
Role: PI  
Status: not scored

### **Intramural**

- 2019 Boston College, Research Across Disciplines Grant (\$50,000 USD)  
“The male hereditary breast cancer experience: Understanding decision-making for genetic testing, disease risk management and family communication of risk among BRCA+ Men”  
Role: Co-PI (Dwyer / Hesse-Biber)  
Status: not selected for funding

### **Foundation**

- 2020 Gordon & Betty Moore Foundation, Moore Inventor Fellows (\$600,000)  
“Person-centered care meets user-centered design: Scalable decisional support to harness the full potential of genomic healthcare”  
Role: PI  
Status: not selected for funding
- 2019 General Nursing Council for England and Wales Trust (£100,000 GBP)  
“Evaluating a nurse-led male infertility clinic as a model for nation-wide fertility care”  
Role: Co-Investigator (PI: Llahana)  
Status: not selected for funding
- 2019 Pew Biomedical Scholars (\$400,000 USD)  
“Elucidating patient decision-making for genetic testing”  
Role: PI  
Status: not selected for full proposal
- 2019 Hillman Foundation (\$600,000 USD)  
“Nursing and Human-centered Design to Bridge Genomic Health Disparities (NUDGE)”  
Role: PI  
Status: not selected for full proposal

- 2018 PENS Multicenter Grant (\$90,000 USD)  
“INTERnational Study of Endocrine Care during Transition to adult-oriented care (INTERSECT)”  
Role: PI  
Status: not funded
- 2018 MoD Basil O’Connor Starter Scholar Research Award (\$150,000 USD)  
“Effective decision-making for preventing birth defects”  
Role: PI  
Status: not selected for full proposal

## PRESENTATIONS

### Invited Presentations

#### International

- 2022 Person-centered approaches for bridging health disparities for rare disease patients. Dwyer, A. Symposium, 8<sup>th</sup> Radiz International Rare Disease Summer School. Warth Weiningen, Thurgau, Switzerland – July 2022
- 2021 Precision Health Workshop (panelist). Dwyer A. Northern British Columbia Research and Quality Conference. Prince George, Canada – December 2021 (virtual)
- Endocrine nursing care for transgender and gender diverse individuals. Dwyer, A., & Greenspan, D. Endocrine Nurses’ Society of Australasia (ENSA). Sydney, Australia – November 2021 (virtual)
- Endocrine Nurse Skills: Hypogonadism. Dwyer, A. Society for Endocrinology Webinar Skills Series. London, United Kingdom – October 2021 (virtual)
- Person-centered approaches for bridging health disparities for rare disease patients. Dwyer, A. Symposium, 8<sup>th</sup> Radiz International Rare Disease Summer School. Warth Weiningen, Thurgau, Switzerland – July 2021 (Meeting cancelled due to COVID-19)
- The Family Nurse Practitioner: American perspectives on opportunities, challenges and joys. Dwyer, A., & Chavez, K. Nurse Practitioner Symposium: Embedding Advanced Practice Nursing and Interprofessional Collaboration [Einbettung Advanced Practice Nursing und interprofessionelle Zusammenarbeit]. Bern, Switzerland – June 2021 (virtual)
- Transition to adult medical care. Dwyer, A. A Association for X & Y Chromosome Variations (AXYS) Family conference – June 2021 (virtual)

Endocrine Nurses Society Position Statement on Transgender and Gender Diverse Care. Dwyer, A., & Greenspan, D. 103rd Annual Meeting of the Endocrine Society. ENDO2021 – March 2021 (virtual)

2020 Nursing in the genomic era. University of Calgary Department of Nursing Genomics Seminar. Dwyer, A. Calgary, Alberta, Canada – September 2020 (virtual)

Person-centered approaches for bridging health disparities for rare disease patients. Dwyer, A. Symposium, 8<sup>th</sup> Radiz International Rare Disease Summer School. Warth Weiningen, Thurgau, Switzerland – July 2020 (Meeting cancelled due to COVID-19)

Sexual development and fertility in men. Dwyer, A. Meet the Nurse Expert Symposium. 22<sup>nd</sup> Annual European Congress of Endocrinology. Prague, Czech Republic – May 2020 (Meeting changed to virtual meeting in October due to COVID-19)

2019 Patient engagement and co-creating solutions for unmet patient needs. Dwyer, A. Symposium, 7<sup>th</sup> Radiz International Rare Disease Summer School. Warth Weiningen, Thurgau, Switzerland – July 2019

2018 Next generation nursing: Genomic competencies for pediatric endocrine nurses. Dwyer, A., & Davies, K. Symposium, 57th Annual Meeting of the European Society for Paediatric Endocrinology (ESPE). Athens, Greece – September 2018

Création d'une boîte à outils virtuelle d'autosoins pour les patients atteints d'une maladie rare [Creating a virtual self-care toolkit for patients with a rare disease]. Dwyer, A. Webinar. Les Grandes Conférences du Secrétariat International des Infirmières et Infirmiers de L'espace Francophone (SIDIEF) – September 2018

Translating rare disease research into practice using patient partnerships. Dwyer, A. Symposium, 6th Radiz International Rare Disease Summer School. Warth-Weiningen, Thurgau, Switzerland – July 2018

2017 Comprehensive patient care: Bulling and the paediatric endocrine patient. Dwyer, A. Plenary Session. Insights into Managing Growth for Endocrine Nurses (IMAGE). Toulouse, France – October 2017

Nurse navigator: Transitional care of adolescents with endocrine disorders. Dwyer, A. Symposium, International Pediatric Endocrine Nursing Summit at the 10<sup>th</sup> International Meeting of Pediatric Endocrinology. Washington D.C., USA – September 2017

Links between hypogonadism, the metabolic syndrome and type 2 diabetes. Dwyer, A. Nursing Symposium - Diabetes meets endocrinology: Clinical overlap and seamless care, 19<sup>th</sup> European Congress of Endocrinology.

Lisbon, Portugal - May 2017

- 2016 Secondary infertility. Dwyer, A. Nurse Session on male fertility (Paediatric to adult), Society for Endocrinology (SfE). Brighton, United Kingdom – November 2016
- Quality of life in men’s health. Dwyer, A. Postgraduate International School of Men’s Health (PRISM). Berlin, Germany – November 2016
- Evolution of the nurse practitioner role & implications for the Swiss healthcare system. Dwyer, A. International Symposium on advanced nursing practice: Benefits for patients and the healthcare system. Lausanne, Switzerland – September 2016
- Les maladies chroniques: Pourquoi un enjeu de santé publique et quel rôle pour l’infirmière diplômé d’état ? [Chronic disease: Why is it a public health issue and what is the role of the professional nurse?]. Dwyer, A. Journées Scientifiques Francophones de L’Infirmière, Secrétariat International des Infirmières et Infirmiers de L’espace Francophone (SIDIIEF). Paris, France – March 2016
- 2015 Identifying the needs of patients with congenital hypogonadotropic hypogonadism: Implications for nursing practice. Dwyer, A. Endocrine Nursing Symposium, 17<sup>th</sup> European Congress of Endocrinology. Dublin, Ireland - May 2015
- 2014 When the hoofbeats are from zebras - The endocrine nurse’s role in rare disorders: Assessment, intervention and advocacy. Dwyer, A. Endocrine Nurses Society Symposium, Joint Meeting of the 16<sup>th</sup> International Congress for Endocrinology & the 96<sup>th</sup> Annual Meeting of the Endocrine Society. Chicago, USA – June 2014.
- 2011 Role of FSH in human gonadal development: Clinical implications for male fertility. Pitteloud, N., & Dwyer, A. Merck-Serono Gonad-F Male Hypogonadotropic Hypogonadism Symposia. Tokyo, Japan – February 2011.

### **National**

- 2021 Transition from pediatric to adult-oriented medical care. Dwyer, A. Association for X and Y Chromosome Variations (AXYS) 2021 Virtual Family conference. (virtual) – June 2021
- 2018 Translating genetic literacy into pediatric endocrine nursing practice. Dwyer, A., & Davies, K. Symposium, Annual Meeting of the Pediatric Endocrinology Nursing Society. Bonita Springs, FL – May 2018
- PENS Position Paper on Bullying. Dwyer, A. Annual Meeting of the Pediatric Endocrinology Nursing Society. Bonita Springs, FL – May 2018

Genetic literacy for endocrine nurses. Dwyer, A. Symposium, 100<sup>th</sup> Annual Meeting of the Endocrine Society. Chicago, IL, USA – March 2018

2017 Implication des patients par l'éducation thérapeutique pour encourager l'adhésion au traitement dans les maladies chroniques [Engaging patients for improved adherence in chronic conditions]. Dwyer, A. Conference, Medikationssicherheit: Förderung der Adhärenz bei Patienten (Medication Safety: Promoting Patient Adherence). Bern, Switzerland – June 2017

2016 Hypogonadism in adolescents: Approach to treatment and transition to adult care. Dwyer, A. Symposium, Annual Meeting of the Pediatric Endocrinology Nursing Society (PENS). Denver, U.S.A. – May 2016

2014 Health promotion: A mixed-methods study to uncover needs for nursing care. Dwyer, A. Assemblée générale 2014 de l'Association Suisse pour les sciences infirmières (APSI) [Swiss Association for Nursing]. Lausanne, Switzerland – November 2014

### Local

2021 Nursing in the genomic era: Investigating and implementing person-centered approaches to genomic healthcare. Dwyer, A. State University of New York (SUNY) Binghamton Doctoral Speaker Series, Binghamton, NY (virtual) – February 2021

2019 Nursing and human-centered design bridging genomic health disparities. Dwyer, A. Stories of Design + Thinking at Boston College, Chesnut Hill, MA – April 2019

2017 Developing a virtual empowerment toolkit for improving the care for rare disease patients. Dwyer, A. Seminar, Genetic Medicine Service, Centre Hospitalier Universitaire Vaudois, Lausanne, Switzerland – January 2017

Evaluation d'une consultation de transition infirmière en diabétologie (Evaluation of a transitional care nurse in diabetes). Verga, M. E., Zoni, S., Aquarone-Vaucher, M. P., Gyuriga, T., Hauschild, M., Dwyer, A., & Ramelet, A. S. Journée Soins du CHUV 2017, Lausanne, Switzerland – January 2017

2015 Using Technology and Community Partnerships to Reach Dispersed Populations: The Example of Kallmann Syndrome. Dwyer, A. Research Seminar of the Polyclinique Medicale Universitaire. Lausanne, Switzerland – January 2015

2012 Secondary analysis of the Diabetes Prevention Program: Insights into the relationship between testosterone and insulin resistance. Dwyer, A. Seminar, Endocrinology, Diabetes and Metabolism Service, Centre Hospitalier Universitaire Vaudois, Lausanne, Switzerland – October 2012

- 2011 Use of a unique human disease model to elucidate the role of FSH in human gonadal development. Dwyer, A. Seminar, Department of Gynecology, Obstetrics, and Medical Genetics. Centre Hospitalier Universitaire Vaudois, Lausanne Switzerland – September 2011.
- 2005 Impact of infertility on families: Perspectives from patient care and clinical research. Dwyer, A. Kenneth B. Schwartz Center Educational Rounds, Massachusetts General Hospital, Boston, USA – February 2005.
- 2003 The Art & Science of Palliative Care Nursing. Dwyer, A. Harvard Medical School Center for Palliative Care, Waltham, Massachusetts, USA – June 2003.

**Refereed Podium Presentations (presenter is underlined)**

**International**

- 2021 What's missing in sex chromosome aneuploidies? Representation and inclusion. Mehmet, B., McDonald, I., Saldarriaga, S., & Dwyer, A. Annual Congress of the International Society of Nurses in Genetics (ISONG). Virtual meeting – November 2021
- 2020 Realising Nightingale’s leadership principles & practices of advocacy: The Global Genomics Nursing Alliance advocating for nursing capacity and capability to deliver non-specialist genomic healthcare. Calzone, K., Dwyer, A., & Tonkin, E. Annual Congress of the International Society of Nurses in Genetics (ISONG). Virtual meeting – November 2020
- Choice architecture in the genomic era: Evidence of framing effects on genetic testing decisions. Dwyer, A., Shen, H., Gregas, M., & Zhao, M. Annual Congress of the International Society of Nurses in Genetics (ISONG). Virtual meeting – November 2020
- Nurses + design thinking: An approach to reducing genomic health disparities. Dwyer, A. First G2NA Congress: Nursing, Genomics and Healthcare. Cambridge, United Kingdom – April 2020 (Meeting postponed to 2021 due to COVID-19)
- 2019 Innovations extending nursing’s reach in delivering genomic healthcare. Dwyer, A., & Rutirasiri, C. Symposium, Annual Congress of the International Society of Nurses in Genetics (ISONG). San Antonio, TX, U.S.A. – November 2019
- 2016 Acceptability of an advanced practice nurse in lung cancer by health professionals and patients: A qualitative exploration. Serena, A., Dwyer, A.,



Peters, S., & Eicher, M. International Association for the Study of Lung Cancer 17<sup>th</sup> World Conference on Lung Cancer. Vienna, Austria – December 2016

Unmet health and information needs of women with hypogonadotropic hypogonadism. Dwyer, A., Quinton, R., Morin, D., & Pitteloud, N. 18<sup>th</sup> European Congress of Endocrinology. Munich, Germany - May 2016

Compound heterozygote CHD7 mutations in a female with Kallmann syndrome and CHARGE features. Xu, C., Cassatella, D., Attila, N., Dwyer, A., Sykiotis, G., Santini, S., Niederländer, N., Acierno, J., & Pitteloud, N. 98<sup>th</sup> Annual Meeting of the Endocrine Society. Boston, USA – April 2016

- 2012 Lifestyle Modification Can Reverse Hypogonadism in Men with Impaired Glucose Tolerance in the Diabetes Prevention Program. Dwyer, A., Caronia, L., Lee, H., Nathan, D. M., & Hayes, F. J. Oral presentation, 94<sup>th</sup> Annual Meeting of the Endocrine Society, Houston, USA – June 2012. **Media coverage:** Medpage Today (06/27/2012). Weight Loss Ups Testosterone.  
<https://www.medpagetoday.com/meetingcoverage/endo/33522>
- 2011 Gain-of-function mutations in FGFR1 in human GnRH deficiency. Miraoui, H., Keefe, K. W., Sykiotis, G., Plummer, L., Raivio, T., Dwyer, A., Sidis, Y., Tsai, P., Mohammadi, M., & Pitteloud, N. 93<sup>rd</sup> Annual Meeting of the Endocrine Society, Boston, USA – June 2011.
- Rare Nucleotide Variants in KISS1 in Patients with GnRH-Deficient Phenotypes. Chan, Y. M., Lapatto, R., Au, M., Hughes, V., Bianco, S. D. C., Min, L., Plummer, L., Cerrato, F., de Guillebon, A., Wahab, F., Dwyer, A., Kirsch, S. E., Quinton, R., Cheetham, T. D., Ozata, M., Ten, S. B., Chanoine, J. P., Pitteloud, N., Crowley, W. F., Martin, K. A., Schiffmann, R., Hall, J. E., Kaiser, U. B., & Seminara, S. B. 93<sup>rd</sup> Annual Meeting of the Endocrine Society, Boston, USA – June 2011.
- 2010 Functional Hypogonadotropic Hypogonadism: A Discrete Clinical Entity in Men? Dwyer, A., Chavan, N., Keefe, K., Sykiotis, G., Plummer, L., Seminara, S. B., Butler, P., Collins, M. T., Crowley, W. F., & Pitteloud, N. Annual meeting of the Swiss Society of Endocrinology and Diabetes. Bern, Switzerland – November 2010.
- 2009 Abrupt Decrease in Testosterone Following an Oral Glucose Load in Men. Caronia, L., Dwyer, A., Hayden, D., Pitteloud, N., & Hayes, F. J. 91<sup>st</sup> Annual Meeting of the Endocrine Society, Washington DC, USA - June 2009.
- 2008 Central Defect Results in Low Serum Testosterone in Otherwise Healthy Men. Caronia, L., Dwyer, A., Yialamas, M., Pitteloud, N., Crowley, W. F., & Hayes, F. J. 90<sup>th</sup> Annual Meeting of the Endocrine Society, San Francisco, USA – June 2008.

- 2007 Mutations in the Gene PROKR2 Cause Both Kallmann Syndrome and Normosmic Idiopathic Hypogonadotropic Hypogonadism. Pitteloud, N., Cole, L., Sidis, Y., Plummer, L., Hughes, V., Quinton, R., Seminara, S., Hayes, F. J., Huot, C., Alos, N., Lavoie, H., Speiser, P., Takeshita, A., VanVliet, G., Pearce, S., Dwyer, A., Zhou, Q. Y., & Crowley, W. F. 89<sup>th</sup> Annual Meeting of the Endocrine Society, Toronto, Canada – June 2007.
- 2006 Idiopathic Hypogonadotropic Hypogonadism & Kallmann Syndrome Associated with Mutations in More than one Gene: New Evidence for a Digenic Mode of Inheritance. Pitteloud, N., Quinton, R., Pearce, S., Acierno, J., Dwyer, A., Plummer, L., Hughes, V., Cheng, Y. Z., Li, W. P., Mac Coll, G., Hayes, F. J., Seminara, S., Hall, J. E., Bouloux, P. Mohammadi, M., & Crowley, W. F. 88<sup>th</sup> Annual Meeting of the Endocrine Society, Boston, USA – June 2006.
- Mutations in Fibroblast Growth Factor Receptor-1 Gene (FGFR1) Occur in 8% of Cases with Normosmic Idiopathic Hypogonadotropic Hypogonadism (nIHH). Raiivio, T., Plummer, L., Dwyer, A., Hughes, V., Hayes, F. J., Crowley, W. F., & Pitteloud, N. 88<sup>th</sup> Annual Meeting of the Endocrine Society, Boston, USA – June 2006.
- Effect of Acute Sex Steroid Withdrawal on Insulin Sensitivity in Men. Yialamas, M., Dwyer, A., Falardeau, J., Pitteloud, N., & Hayes, F. J. 88<sup>th</sup> Annual Meeting of the Endocrine Society, Boston, USA – June 2006.
- 2003 Inhibin B and FSH have a Logarithmic Rather than Linear Relationship in the Human Male: Evidence from Several Human Models. Pitteloud, N., Hayes, F. J., Dwyer, A., Lee, H., & Crowley, W. F. 85<sup>th</sup> Annual Meeting of the Endocrine Society, Philadelphia, USA – June 2003.
- 2002 Impact of Insulin Resistance on Testosterone Secretion in the Male: Evidence of a Dual Defect. Pitteloud, N., Dwyer, A., Elahi, D., & Hayes, F. J. 84<sup>th</sup> Annual Meeting of the Endocrine Society, San Francisco, USA – June 2002.

### National

- 2012 Functional GnRH deficiency in Men. Lewkowitz-Shpuntoff, H., Balasubramanian, R., Chavan, N., Kaina, J., Dwyer, A., Seminara, S., Plummer, L., Hayes, F. J., Crowley, W. F., & Pitteloud, N. American Federation for Medical Research. Washington, DC, USA – April 2012.

### **TEACHING ACTIVITIES:**

Boston College

- 2021- Advanced Pathophysiology across the Lifespan [NURS 9730]  
Teacher of record: Dwyer
- 2020 Advanced Practice Nursing Role [NURS 9815]  
Teacher of record: Dwyer
- 2020 Advanced Pathophysiology across the Lifespan [NURS 9730]  
Teacher of record: Dwyer/Pados
- 2019 Advanced Pathophysiology across the Lifespan [NURS 7672]  
Teacher of record: Read/Dwyer
- 2018-2020 Role of Advanced Practice Nurses [NURS 7417]  
Teacher of record: Dwyer
- 2018-2020 Community & Family Health: Advanced Theory I [NURS 7470]  
Teacher of record: Dwyer
- 2018 Master's Research Practicum: Research Option [NURS 7524]  
Teacher of record: Dwyer
- 2017 Role of Advanced Practice Nurses [NURS 7417]  
Teacher of record: Kelly-Weeder/Dwyer
- 2017 Community & Family Health: Advanced Theory I [NURS 7470]  
Teacher of record: Sutherland/Dwyer

#### University of Lausanne

- 2015-2016 Approche systémique de la famille [Family Systems Theory]  
Institute of Higher Education & Research in Healthcare (IUFERS)  
Teacher of record: Dwyer
- 2016 Évaluation Clinique Avancée [Advanced Clinical Assessment]  
Institute of Higher Education & Research in Healthcare (IUFERS)  
Teacher of record: Doyen / Vetterli / Dwyer

#### **Graduate Guest Lectures**

##### Boston College

- 2021 An introduction to pharmacogenomics  
NURS 9842 Psychobiology of Mental Health and Illness
- 2021- Assessment of the adolescent (14-21 yo)  
NURS 7453 Women's Health Advanced Practice Nursing (APN) I  
NURS 7463 Primary Care Adult & Older Adult / APN I  
NURS 7473 Primary Care of Families / APN I  
NURS 7563 Primary Care Adult & Older Adult / APN II

NURS 9814 Bridge to Primary Care / APN I

- 2021- Approach to gender-affirming care for transgender and gender-diverse individuals  
NURS 7450 Women & Children's Health Advanced Practice Theory  
NURS 7563 Primary Care Adult & Older Adult / APN II  
NURS 9814 Bridge to Primary Care / APN I
- 2020 Beginning an academic career and charting your course in nursing research  
NURS 9712 Integrative Review for Nursing Science
- 2019- Current topics in men's sexual health  
NURS 7550: Current Issues in Sexual Healthcare
- 2019- Clinical care of transgender persons  
NURS 7550: Current Issues in Sexual Healthcare
- 2019 Developing a program of research  
NURS 9812: Research Seminar: Developing the Research Purpose, Aims and Questions
- 2019 Pathophysiology of the endocrine system.  
NURS 7672: Advanced Pathophysiology Across the Lifespan
- 2019 Pathophysiology of the reproductive system.  
NURS 7672: Advanced Pathophysiology Across the Lifespan
- 2018 Genetics and genomics in women's health and pediatrics  
NURS7450: Theoretical Foundations in Women's Health & Pediatric Nursing (fall 2018)
- 2018 Understanding puberty & the endocrine treatment for gender-dysphoric & gender-incongruent persons.  
NURS 7550: Current Issues in Sexual Healthcare (spring 2018)
- 2018- The best of times, the worst of times: A tale of two transitions.  
NURS 7563: Primary Care Adult & Older Adult / APN II
- 2017 Family diversity: Economic status, sexual orientation, age, race, ethnicity & culture  
NURS 7450: Theoretical Foundations in Women's Health & Pediatric Nursing (fall 2017)

University of Basel, Institute of Nursing Science - Switzerland

- 2017 Genetics, genomics, and nursing science: Present and future  
Optional Course: Genetics in Nursing

University of Lausanne - Switzerland

- 2016-17      Transitioning patients with disorders of sexual development (DSD) from pediatric to adult care  
Optional Course: «Ni fille ni garçon: Anomalie ou différence? »  
University of Lausanne Medical School
- 2015      Lost in translation? The American nurse practitioner model  
[Perdu dans la traduction?]  
Course: Introduction to advance practice nursing  
Institute of Higher Education & Research in Healthcare (IUFRS)
- 2014      An American nurse practitioner in Switzerland  
[Un NP américain en Suisse]  
Course: Introduction to advance practice nursing  
Institute of Higher Education & Research in Healthcare (IUFRS)

MGH Institute of Health Professions

- 2005      Interdisciplinary approach to nursing practice  
Interdisciplinary Seminar (HP998)
- 2005      Informed consent process: From ethical underpinnings to practice and evaluation  
Ethics in Healthcare (HP820)
- 2004      Careers in clinical investigation  
Introduction to Clinical Investigation (HP774)
- 2003      Role of nursing in research  
Designing Clinical Research (HP720)

Massachusetts General Hospital

- 2010      Pulsatile GnRH therapy: Insights into reproductive physiology & human genetics  
Reproductive Endocrinology Clinical Conference Series
- 2009      Constitutional delay of puberty vs. idiopathic hypogonadotropic hypogonadism  
Reproductive Endocrinology Clinical Conference Series
- 2008      GnRH deficiency: Treatment & human disease model for research  
Reproductive Endocrinology Clinical Conference Series  
  
Treatment of male hypogonadism  
Reproductive Endocrinology Clinical Conference Series
- 2007      Idiopathic hypogonadotropic hypogonadism: Treatment and research  
Reproductive Endocrinology Clinical Conference Series

- 2006                    Role of pulsatile GnRH therapy in treating hypogonadotropic hypogonadism and as a tool for physiologic investigation  
Reproductive Endocrinology Clinical Conference Series
- 2002-05                Pulsatile GnRH therapy for men with hypogonadotropic hypogonadism  
Reproductive Endocrinology Clinical Conference Series

#### Harvard Medical School

- 2002                    Male reproductive physiology: Pulsatile GnRH therapy in the male  
Harvard Medical School, Physiology Lecture Series

#### Undergraduate Guest Lectures

##### Boston College

- 2018-                    Genetic and genomic nursing competencies.  
NURS 2120: Nursing Assessment of Health Across the Lifespan (fall 2018)
- 2018                    Nurse Practitioners caring for vulnerable populations: Historical context & international diffusion.  
NURS 5350: Global Healthcare: Meeting Challenges & Making Connections (summer 2018)

##### Haute École de Santé Vaud (HESAV) - Switzerland

- 2016                    Innovative ways of thinking about health promotion  
Haute École de Santé Vaud (HESAV)  
4th Summer University of Nursing
- 2015                    Innovative use of technology for health promotion and empowerment  
Haute École de Santé Vaud (HESAV)  
3rd Summer University of Nursing.

#### Continuing Education Program

##### Boston College School of Nursing Continuing Education

- 2022                    Hypogonadism: Identifying testosterone deficiency  
CEU offering, Chestnut Hill, MA – January 2022  
Audience: healthcare providers (RN, APRN, PA, MD)
- Gender Affirming Care  
CEU offering, Chestnut Hill, MA – February 2022  
Audience: healthcare providers (RN, APRN, PA, MD)
- Erectile Dysfunction (ED) and links to cardiovascular health

CEU offering, Chestnut Hill, MA – February 2022  
Audience: healthcare providers (RN, APRN, PA, MD)

Common Prostate Issues  
CEU offering, Chestnut Hill, MA – March 2022  
Audience: healthcare providers (RN, APRN, PA, MD)

2019 Men's health  
Online CEU offering, Chestnut Hill, MA – March 2019  
Audience: healthcare providers (RN, APRN, PA, MD)

### Massachusetts General Hospital

2010 Careers in clinical research  
(Panelists : Dwyer, Looby, Monahan, Tomasini)  
Clinical Research Program  
  
Investigational new drugs, investigational new devices and working with  
the FDA (Panelists : Cudkowicz, Dwyer, Hochberg, Hohmann, Looby)  
Clinical Research Program

2009 Role of FSH in human gonadal development  
General Clinical Research Center  
  
NIH Funded Research: What Clinical Coordinators & Research Nurses  
Need to Know  
Clinical Research Program

2006 How informed is consent? An evaluation of the informed consent process  
Clinical Research Program

2005 Evaluation and quantification of the informed consent process  
Clinical Research Program

2002 Sharing models of practice: A nurse practitioner panel  
MGH Advance Practice Nurse Lecture Series

### Workshops

2020 Bringing evidence into practice for improving transitional care:  
Demystifying implementation  
Leader: Dwyer  
Annual Meeting of the Pediatric Endocrinology Nursing Society  
San Antonio, TX – May 2020 (Meeting cancelled due to COVID-19)  
Audience: pediatric endocrine nurses

2019 NIH - National Human Genome Research Institute  
Strategic Planning Workshop: Genomics in Medicine and Health

Invited participant “Ensuring that genomics has maximum utility for all members of the public”

Bethesda, MD – September 2019

Audience: NHGRI stakeholders

- 2017            Developmentally appropriate approach to therapeutic education  
Leaders: Dwyer / Davies / Kerouac  
1<sup>st</sup> International Pediatric Endocrinology Nursing Summit  
Washington DC, – September 2017  
Audience: pediatric endocrine nurses
- 2017            The infertile couple: anovulation/azoospermia.  
Leaders: Quinton / Dwyer / Jayasena  
Society for Endocrinology Clinical Update, Birmingham, UK – March 2017  
Audience: endocrinologists and endocrine nurses
- 2016            Therapeutic education for children and adolescents with chronic illness  
Leader: Dwyer  
University of Lausanne Institute of Social and Preventive Medicine  
IUMSP Summer School: Lausanne, Switzerland – August 2016  
Audience: healthcare professionals
- 2015            Writing a research proposal  
Leader: Dwyer  
17th European Congress of Endocrinology. Dublin, Ireland - May 2015  
Audience: endocrine nurses

### **Advisory Responsibilities**

- 2020-2021        PhD student fellow, William F. Connell School of Nursing  
Boston College – Bradley White PhD(c), MSN, RN
- 2020-2021        Keys to Inclusive Leadership in Nursing (KILN)  
Boston College – David Zulewski (CSON '22)
- 2019-            Undergraduate University Research Fellow  
Boston College – Lauren Edelman (CSON '22)
- 2019-2020        Keys to Inclusive Leadership in Nursing (KILN)  
Boston College – Hamin Park (CSON '21)
- 2018-            Undergraduate nursing students (n=12)  
Boston College
- 2018-2020        Graduate nursing Students (n=10)  
Boston College
- 2018-2019        Keys to Inclusive Leadership in Nursing (KILN)  
Boston College – Tyler Javier (CSON '19)



- 2017 –2019 Undergraduate University Research Fellow  
Boston College - Rachel Zhang (CSON '20)
- 2006 Graduate Student Preceptor; student: Eduardo Leon  
MGH Institute of Health Professions (Clinical Investigation)

### **Dissertation (PhD) Advisement**

#### Boston College, Chestnut Hill, MA

- 2022- Committee Member: Erin George (Nursing)  
“Promoting autonomy and choice: Birth center decision-making among women and birthing people at low obstetrical risk in the United states”  
William F. Connell School of Nursing, Chestnut Hill, MA

#### City University, London – United Kingdom

- 2021- External Expert Committee Member: Brien Mehmet (Nursing)  
“Developing and validating health-related quality of life measures for Klinefelter syndrome”  
School of Health Sciences, London, United Kingdom

#### University of Basel - Switzerland

- 2016-2022 External Expert Committee Member: Agnes Kocher (Nursing)  
“Management of patients with systemic sclerosis (MANOSS): A mixed methods study of the chronic illness management practice patterns”  
Institute of Nursing Science, Basel, Switzerland  
PhD defense: February 2022

#### University of Lausanne - Switzerland

- 2016-2018 Co-director: Emmanuel Ofori (Life Sciences)  
“Sex steroid adaption to aerobic exercise in older adults.”  
Faculty of Biology & Medicine  
PhD defense: July 2018
- 2016-2017 Co-Director: Gabrielle Santos (Nursing)  
“Symptom perception in persons living with heart failure : a nursing intervention to support self-care of older adults (SYMPERHEART)”  
Faculty of Biology & Medicine (IUFERS)  
PhD defense: date pending

### **Thesis Committee / Advisement**

#### University of Lausanne - Switzerland

- 2017-2018 Co-director: Sebastien Eyholzer (Nursing)

“Tabagisme et les perceptions sur la maladie artérielle périphérique.”  
Institute of Higher Education & Research in Healthcare (IUFRS)  
MS thesis defense : July 2018

- 2014-2016 Co-Director: Sandra Zoni & Marie-Elise Verga (Nursing)  
“Evaluer le degré d’importance des comportements du caring, du niveau de satisfaction, de la stabilité de la maladie et de l’adhérence au traitement dans la relation de soin entre l’infirmière de transition et des adolescents atteints de diabète durant leur passage des services de santé pédiatriques vers les services de santé adultes”  
Institute of Higher Education & Research in Healthcare (IUFRS)  
MS thesis defense: June 2016
- 2015 Committee Member: Ji-Seon Kang (Nursing)  
“Etude descriptive et corrélationnelle sur le niveau de stress chez les femmes pendant le 2<sup>ème</sup> trimestre de grossesse”  
Institute of Higher Education & Research in Healthcare (IUFRS)  
MS thesis defense: June 2015

## **PROFESSIONAL ACTIVITIES AND SERVICE:**

### **Academic Major Committee Assignments:**

#### **University Committees**

##### Boston College

- 2018 Member, Data and Information Governance Committee
- 2018 - Member, CSON Master’s Program Committee
- 2018-2020 Reviewer, PhD Dissertation award

##### University of Lausanne - Switzerland

- 2016-2017 Comité stratégique: académique-pédagogique  
Institute of Higher Education & Research in Healthcare (IUFRS)
- 2016-2017 Organizer, Faculty Journal Club  
Institute of Higher Education & Research in Healthcare (IUFRS)
- 2016 Faculty Selection Committee (position: MER1)  
Institute of Higher Education & Research in Healthcare (IUFRS)

##### Haute École de Santé Vaud (HESAV) - Switzerland

- 2013-2015 External expert Reviewer, nursing scholarly projects (bachelor)

**Hospital or Affiliated Institution Major Committee Assignments:**

University Hospital Lausanne (CHUV) - Switzerland

- |           |  |
|-----------|--|
| 2016-2017 | Member, Ethics Committee (Canton Vaud)<br>Commission cantonale (Vaud) d'éthique de la recherche sur l'être humain (CER-VD) |
| 2014-2016 | Member, Comité de pilotage (COPIL)<br>Strategic Plan: "Métabolisme et Nutrition" (Prof. François Pralong)                  |
| 2014      | Member, Symposium Planning Committee<br>"Le Diabète chez les jeunes adultes"<br>Lausanne, Switzerland: December 4, 2014    |
| 2011      | Member, Symposium Planning Committee<br>"Polycystic Ovarian Syndrome"<br>Lausanne, Switzerland: October 13, 2011           |

Massachusetts General Hospital

- |           |   |
|-----------|---|
| 2008-2010 | Core Content Contributor<br>Clinical Research Program Educational Program |
| 2004      | Member, Committee for Public Education on Clinical Research               |
| 2003      | Member, Committee for Research Nurse Education                            |

**External Promotions / Tenure Review Activities:**

- |      |  |
|------|--|
| 2020 | Oregon Health & Science University, Portland, OR |
|------|--|

**Grant Review Activities:**

- |       |   |
|-------|---|
| 2020  | Reviewer, ANR panel CE14 : Physiologie et physiopathologie<br>French National Research Agency / Agence Nationale de Recherche |
| 2019- | Grant reviewer, Clinical Research Grant<br>Endocrine Nurses Society   |
| 2018  | Reviewer, AIFA Rare Disease Proposals<br>Italian Medicines Agency / Agenzia Italiano del Farmaco                              |
| 2018- | Grant reviewer, Clinical Research Grant<br>Sigma Theta Tau (Alpha Chi chapter)  |
| 2018- | Grant reviewer, PENS Research Grants  |

Pediatric Endocrine Nursing Society (PENS)

2015 Independent external reviewer (Grant applications)  
European Commission  
Program: European Cooperation in Science & Technology (COST)

**Consultation:**

2021 Nurse Practitioner Policy Brief  
University of Lausanne (Institute of Higher Education & Research in  
Healthcare, IUFRS) & University of Basel (Institute of Nursing Science,  
INS), Switzerland

2019- Nurse Practitioner Program Development (Prof. Maya Shaha)  
Bern University of Applied Sciences, Bern, Switzerland

**Editorial Activities:**

Reviewer: (for details see Publons: <https://publons.com/author/588422/andrew-dwyer#stats>)

Adolescent Health, Medicine and Therapeutics	(since 2019)
Advances in Sexual Medicine	(since 2016)
Andrologia	(since 2021)
Asian Journal of Andrology	(since 2014)
Basic and Clinical Andrology	(since 2018)
BMC Endocrine Disorders	(since 2018)
BMC Health Services Research	(since 2017)
BMJ Case Reports	(since 2021)
Canadian Journal of Nursing Leadership	(since 2022)
Cancers	(since 2021)
Case Reports in Genetics	(since 2017)
Case Reports in Pediatrics	(since 2021)
Clinical Endocrinology	(since 2014)
Clinical Practice (Therapy)	(since 2017)
Endocrine	(since 2015)
Endocrine Connections	(since 2016)
Endocrinology, Diabetes & Metabolism Case Reports	(since 2018)
Endocrinology & Metabolic Syndrome	(since 2014)
Epidemiology	(since 2016)
Eurasian Journal of Medicine	(since 2018)
European Journal of Endocrinology	(since 2015)
Expert Review of Hematology	(since 2016)
Frontiers in Endocrinology	(since 2019)
Genes	(since 2017)
Human Reproduction	(since 2015)

International Nursing Review	(since 2019)
Japan Journal of Nursing Science	(since 2019)
Journal of Clinical Case Reports	(since 2014)
Journal of Clinical Endocrinology & Metabolism	(since 2020)
Journal of Clinical Nursing	(since 2019)
Journal of Clinical Medicine	(since 2019)
Journal of Family Medicine & Community Health	(since 2017)
Journal of International Medical Research	(since 2018)
Journal of Interprofessional Education & Practice	(since 2018)
Journal of Medical Internet Research (JMIR)	(since 2015)
Journal of Nursing Scholarship	(since 2020)
Journal of Pediatric Endocrinology & Metabolism	(since 2020)
Journal of the Endocrine Society	(since 2018)
JMIR Research Protocols	(since 2017)
JMIR Mental Health	(since 2021)
Journal of Pediatric Endocrinology & Metabolism	(since 2016)
Medical Research Archives	(since 2015)
Multiple Sclerosis	(since 2014)
Neuroendocrinology	(since 2021)
Orphanet Journal of Rare Diseases	(since 2014)
Patient Preference and Adherence	(since 2019)
PLoS One	(since 2017)
Postgraduate Medicine	(since 2020)
Psycho-Oncology	(since 2022)
Risk Management and Healthcare Policy	(since 2020)
SAGE Open Medicine	(since 2019)
Scandinavian Journal of Caring Sciences	(since 2019)
Scientific Reports	(since 2014)
Therapeutic Advances in Endocrinology & Metabolism	(since 2021)
Western Journal of Nursing Research	(since 2017)

- 2020- Associate Editor - *Human Reproduction*  
Journal of the European Society of Human Reproduction and Embryology
- 2020 Special Edition Co-Editor “New Aspects of Hypogonadism”  
(Eds. **Dwyer, A.A.** & Quinton, R.) in *Frontiers in Endocrinology* (2020)  
[https://www.frontiersin.org/research-topics/7142/new-aspects-in-hypogonadism?utm\\_source=FRN&utm\\_medium=email&utm\\_campaign=R-TImpact-1-196d-105-20200401](https://www.frontiersin.org/research-topics/7142/new-aspects-in-hypogonadism?utm_source=FRN&utm_medium=email&utm_campaign=R-TImpact-1-196d-105-20200401)
- 2019 Section Co-Editor “Male Endocrinology & Reproduction”  
(Section Eds. **Dwyer, A.A.** & Llahana, S.) in Llahana, S., Follin, C., Yedinak, C., & Grossman, A. (Eds.), *Advanced Practice Nursing in*

*Endocrinology* (1st ed.). New York, NY, USA. Springer Nature.  
doi:10.1007/978-3-319-9987-6

### **Other Advisory / Community Service:**

#### **Professional Service**

##### American Academy of Nursing (AAN)

2021- Member, Genomic Nursing & Health Care Expert Panel

##### Association for X and Y Chromosome Variations (AXYS)

2020- Member, AXYS Clinical Research Consortium (ACRC)

##### Boston College Connell School of Nursing

2021 Speaker, Mary Mahoney Scholars Program

2020 Speaker, Keys to Inclusive Leadership in Nursing (KILN)

2018-2019 Faculty participant, Admitted Eagles Day

2017 Speaker, Keys to Inclusive Leadership in Nursing (KILN)

##### Cochrane Collaboration

2021- Member (2021-2026)

##### COST Action BM1105

2012-2016 Short-Term Scientific Mission Coordinator (elected)

2012-2016 Co-Chair, Working Group 5: Patient Advocacy

2012-2016 Member, Working Group 1: Clinical Group

2012-2016 Member, Working Group 4: Training & Education

2015 Member, Planning Committee  
3rd Joint Scientific Meeting & Training School  
Budapest, Hungary: March 7-9, 2016

2014 Member, Planning Committee  
2<sup>nd</sup> Joint Scientific Meeting & Training School  
Prato, Italy: April 27-29, 2015

- 2013 Member, Planning Committee  
1st Scientific Meeting & Training School  
Berlin, Germany: March 6-9, 2014
- 2012 Member, Planning Committee Training School in Neuroscience  
COST Action BM1105 / Federation of European Neuroscience Societies  
(FENS) / International Brain Research organization (IBRO)  
Prato, Italy: July 27-August 2, 2013

Endocrine Nurses Society (ENS)

- 2020-2021 Core Contributor, ENS Position Statement on Transgender and gender  
diverse care
- 2019- Chair, Research Committee
- 2018 Chair, “An Update on Male Hypogonadism Therapy”  
28th Endocrine Nurses Society Symposium at the 100th Annual Meeting of  
the Endocrine Society

European Society of Endocrinology (ESE)

- 2022 Abstract Reviewer, Category: Male Reproduction  
European Congress of Endocrinology (ECE 2022)
- 2021 Abstract Reviewer, Category: Male Reproduction  
European Congress of Endocrinology (e-ECE 2021)
- 2020- Member, European Society of Endocrinology Rare Disease COVID-19  
Study Group (Sex Development & Maturation)
- 2020 Abstract Reviewer, Category: Male Reproduction  
European Congress of Endocrinology (e-ECE 2020)
- 2019 Abstract Reviewer, Category: Reproductive Endocrinology  
European Congress of Endocrinology (ECE 2019)
- 2016-2020 Member, Nurses Working Group
- 2016-2020 Nursing Abstract Reviewer  
European Congress of Endocrinology
- 2016 Core contributor,  
Endocrine Nursing Competency Framework (2nd Ed. translations)
- 2016 Co-Chair, “Multidisciplinary approach to neuroendocrine tumours”  
18th European Congress of Endocrinology

European Society of Paediatric Endocrinology (ESPE)

2016-2020 Vice-chair, Nurses Working Group (ESPEN)

2016-2020 Program planning

Federation of International Nurses in Endocrinology (FINE)

2019-2020 Member, Planning Committee  
19th International Congress of Endocrinology  
Buenos Aires, Argentina: October 4-7, 2020  
(meeting postponed due to COVID-19)

2017-2018 Member, Planning Committee  
18th International Congress of Endocrinology and the 53rd Meeting of the  
Society for Endocrinology, Metabolism & Diabetes of South Africa  
Cape Town, South Africa: December 1-4, 2018

Global Genomic Nursing Alliance (G2NA)

2019- Member, Steering Group

2018 Writing Team, G2NA Strategic Plan (2019-2023)

2017 Representative (Switzerland)

International Kallmann Syndrome & Hypogonadotropic Hypogonadism Patient Support Group (HYPOHH)

2018- Member, HYPOHH Steering Group

2017- Co-Lead, Quarterly Patient Meetings (face-to-face and virtual)

2017 Video production with Patient Leader Neil Smith  
“Frequently Asked Questions about Kallmann syndrome and congenital  
hypogonadotropic hypogonadism”

International Society of Nurses in Genetics (ISONG)

2016- Member, Global Membership Committee

2020 Reviewer, abstracts submitted for the 32<sup>nd</sup> Annual Meeting

2019 Reviewer, abstracts submitted for the 31<sup>st</sup> Annual Meeting

2017 Reviewer, abstracts submitted for the 29<sup>th</sup> Annual Meeting

2014 Reviewer, abstracts submitted for the 26<sup>th</sup> Annual Meeting

2013 Key contributor, Position Statement on “Genetic Biobanking for Research”



MGH Institute of Health Professions

2007-2008	President (elected), Alumni Board
2006	Member, Presidential Search Committee
2005	Member, 25th Commencement Planning Committee
2003-2008	Member, Alumni Board
1998-2000	Student Council Representative - Nursing (elected)

Pediatric Endocrinology Nursing Society (PENS)

2020-	PENS Annual Meeting Chair, “Oral Abstract Presentations”
2019-	Chair, Research Committee
2016-	Member, Research Committee
2016-	Reviewer, abstracts submitted for the PENS Annual Meeting
2017-	Reviewer, PENS research grant applications
2016-2017	Core Contributor, PENS Position Statement on Bullying Prevention

RareConnect

2014-	Core Contributor, <a href="http://www.rareconnect.org">www.rareconnect.org</a> RareConnect online Patient Community (Kallmann syndrome)
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Sigma Theta Tau (Alphi Chi chapter)

2018-	Chair, Clinical Research Committee
2017-	Reviewer, research grant applications

Yvonne L. Munn Center for Nursing Research at the Massachusetts General Hospital

2019	Reviewer, Munn Center Grants
2017-	Reviewer, abstracts submitted for the MGH Nursing Research Day

**Community Service**

2019	NewtonServes (City of Newton)
2019	Lecturer: “Men’s Health”, Senior Men at Home Group, Jamaica Plain MA

2017

Understanding our Differences (Newton Public Schools)

CV [DWYER]  
[date prepared: February 2022]