Andrew A. DWYER

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General information

Education

1988-1992	Cornell University, Ithaca, NY College of Human Ecology Bachelor of Science (BS), Human Development & Family Studies
1997-1998	Massachusetts General Hospital Institute of Health Professions, Boston, MA School of Nursing: Diploma in Nursing
1998-2000	Massachusetts General Hospital Institute of Health Professions, Boston, MA School of Nursing: Master of Science in Nursing (MSN) Family Nurse Practitioner Program in Clinical Investigation: Certificate of Advanced Study
2011- 2014	University of Lausanne, Lausanne, CH Institut Universitaire de Formation et de Recherche en Soins Doctorate in Nursing Science (PhD)

Professional experience

2010–present **Clinical Specialist / Research Manager ("Chef de projets")**
Endocrinology, Diabetes, & Metabolism Service (EDM)
Centre Hospitalier Universitaire Vaudois (CHUV) – Lausanne, CH

2008–2010 **Nurse Practitioner / Clinical Research Manager**
Endocrine Division, Reproductive Endocrine Unit,
Massachusetts General Hospital – Boston, MA

2005–2008 **Nurse Practitioner / Senior Clinical Research Coordinator**
Endocrine Division, Reproductive Endocrine Unit,
Massachusetts General Hospital – Boston, MA

2000–2005 **Nurse Practitioner / Clinical Research Coordinator**
Endocrine Division, Reproductive Endocrine Unit,
Massachusetts General Hospital – Boston, MA

1999–2004 **Hospice Nurse**
Hospice of the North Shore – Danvers, MA

Invited lectures and presentations

1	Rational Approach for Decision Making Around the Management of Chronic Pain. Massachusetts General Hospital Institute of Health Professions Scholarly project presentation, May 2000.
2	Male Reproductive Physiology: Pulsatile GnRH Therapy in the Male. Harvard Medical School Physiology Lecture Series at the Massachusetts General Hospital, January 2002.
3	Sharing Models of Practice: a Nurse Practitioner Panel. Massachusetts General Hospital Advance Practice Nurse Series, January 2002.
4	Pulsatile GnRH therapy for Men with Hypogonadotropic Hypogonadism. Massachusetts General Hospital Reproductive Endocrine Fellows Clinical Conference Series. May 2002.
5	Impact of Insulin Resistance on Testosterone Secretion in the Male: Evidence of a Dual Defect. N. Pitteloud, A. Dwyer, D. Elahi, F. Hayes. Oral presentation 84th Annual Meeting of the Endocrine Society, San Francisco CA, June 2002.
6	Role of Nursing in Research. MGH Institute of Health Professions Graduate School of Nursing: Designing Clinical Research (HP720), January 2003.
7	Pulsatile GnRH therapy for Men with Hypogonadotropic Hypogonadism. Massachusetts General Hospital Reproductive Endocrine Fellows Clinical Conference Series, May 2003.
8	The Art & Science of Palliative Care Nursing. Harvard Medical School Center for Palliative Care, June 2003.
9	Inhibin B (I_B) and FSH have a Logarithmic Rather than Linear Relationship in the Human Male: Evidence from Several Human Models. N Pitteloud, FJ Hayes, A Dwyer, H Lee, WF *Crowley Jr.* Oral presentation 85th Annual Meeting of the Endocrine Society, Philadelphia PA, June 2003.
10	Careers in Clinical Investigation. MGH Institute of Health Professions Graduate Program in Clinical Investigation: Introduction to Clinical Investigation (HP774), March 2004.
11	Pulsatile GnRH therapy for Men with Hypogonadotropic Hypogonadism. Massachusetts General Hospital Reproductive Endocrine Fellows Clinical Conference Series, May 2004.
12	Interdisciplinary Approach to Nursing Practice. MGH Institute of Health Professions: Interdisciplinary Seminar (HP998), February 2005.
13	Impact of infertility on families: Perspectives from patient care and clinical research. Kenneth B. Schwartz Center Educational Rounds, February 2005.
14	Informed Consent Process from Ethical Underpinnings to Practice and Evaluation. MGH Institute of Health Professions: Ethics in Healthcare (HP820), March 2005.
15	Pulsatile GnRH therapy for Men with Hypogonadotropic Hypogonadism. Massachusetts General Hospital Reproductive Endocrine Fellows Clinical Conference Series, May 2005.
16	Evaluation and Quantification of the Informed Consent Process. Massachusetts General Hospital Clinical Research Program Luncheon Seminar Series, May 2005.
17	Role of Pulsatile GnRH Therapy in Treating Hypogonadotropic Hypogonadism and as a Tool for Physiologic Investigation. Massachusetts General Hospital Reproductive Endocrine Fellows Clinical Conference Series, May 2006.

18	Idiopathic Hypogonadotropic Hypogonadism (IHH) & Kallmann Syndrome (KS) Associated with Mutations in More than one Gene: New Evidence for a Digenic Mode of Inheritance. N Pitteloud, R Quinton, S Pearce, J Acierno, A Dwyer, L Plummer, V Hughes, YZ Cheng, WP Li, G Mac Coll, FJ Hayes, S Seminara, JE Hall, P Bouloux, M Mohammadi, WF Crowley Jr. Oral presentation 88th Annual Meeting of the Endocrine Society, Boston MA, June 2006.
19	Mutations in Fibroblast Growth Factor Receptor-1 Gene (*FGFR1*) Occur in 8% of Cases with Normosmic Idiopathic Hypogonadotropic Hypogonadism (nIHH). T Raivio, L Plummer, A Dwyer, V Hughes, FJ Hayes, WF Crowley Jr., N Pitteloud. Oral presentation 88th Annual Meeting of the Endocrine Society, Boston MA, June 2006.
20	Effect of Acute Sex Steroid Withdrawal on Insulin Sensitivity in Men. M Yialamas, A Dwyer, J Falardeau, N Pitteloud, FJ Hayes. Oral presentation 88th Annual Meeting of the Endocrine Society, Boston MA, June 2006.
21	How Informed is Consent? An Evaluation of the Informed Consent Process. Massachusetts General Hospital Clinical Research Program Luncheon Seminar Series, November 2006.
22	Idiopathic Hypogonadotropic Hypogonadism: Treatment & Research. MassachusettsGeneral Hospital Reproductive Endocrine Clinical Conference Series, April 2007.
23	Mutations in the Gene for the Prokineticin 2 Receptor (PROKR2) Cause Both Kallmann Syndrome (KS) and Normosmic Idiopathic Hypogonadotropic Hypogonadism (nIHH). N Pitteloud, L Cole, Y Sidis, L Plummer, V Hughes, R. Quinton, S Seminara, FJ Hayes, C Huot, N Alos, H Lavoie, P speiser, A Takeshita, G VanVliet, S Pearce, A Dwyer, QY Zhou, WF Crowley. Oral presentation 89th Annual Meeting of the Endocrine Society, Toronto ON, June 2007.
24	GnRH Deficiency: Treatment & Human Disease Model for Research. Massachusetts General Hospital Reproductive Endocrine Clinical Conference Series, April 2008.
25	Central Defect Results in Low Serum Testosterone in Otherwise Healthy Men. L Caronia, A Dwyer, M Yialamas, N Pitteloud, WF Crowley, FJ Hayes. Oral presentation 90th Annual Meeting of the Endocrine Society, San Francisco CA, June 2008.
26	Treatment of Male Hypogonadism. Massachusetts General Hospital Reproductive Endocrine Clinical Conference Series, October 2008.
27	Case Presentation: Constitutional Delay of Puberty vs. Idiopathic Hypogonadotropic Hypogonadism. Reproductive Endocrine Fellows Clinical Conference Series, April 2009.
28	NIH Funded Research: What Clinical Coordinators and Research Nurses Need to Know. Massachusetts General Hospital Clinical Research Program Luncheon Seminar Series, May 2009.
29	Abrupt Decrease in Testosterone Following an Oral Glucose Load in Men. L Caronia, A Dwyer, D Hayden, N Pitteloud, FJ Hayes. Oral presentation 91st Annual Meeting of the Endocrine Society, Washington DC, June 2009.
30	Role of FSH in Human Gonadal Development. A Dwyer & X Hoang. Massachusetts General Hospital Clinical Research Center Educational Program, October 2009.
31	Treating Idiopathic Hypogonadotropic Hypogonadism with Pulsatile GnRH Therapy: Insights into Reproductive Physiology and Human Genetics. Massachusetts General Hospital Reproductive Endocrine Clinical Conference Series, March 2010.
32	Investigational New Drugs, Investigational New Devices, and Working with the Food & Drug Administration. L Hohmann, M Cudkowisz, A Dwyer, L Hochberg, S Looby. Massachusetts General Hospital Clinical Research Program Luncheon Seminar Series, May 2010.

33	Careers in Clinical Research. A Dwyer, S Looby, C Monahan, E Tomasini. Massachusetts General Hospital Clinical Research Program Luncheon Seminar Series, August 2010.
34	Functional Hypogonadotropic Hypogonadism: A Discrete Clinical Entity in Men? A Dwyer, N Chavan, KW Keefe, G Sykiotis, L Plummer, S Seminara, P Butler, MT Collins, WF Crowley, N Pitteloud. Oral Presentation, Annual meeting of the Swiss Society of Endocrinology and Diabetes. Bern, Switzerland, November 2010.
35	Role of FSH in Human Gonadal Development: Clinical Implications for Male Fertility. N Pitteloud & A Dwyer. Merck-Serono Gonal-F Male Hypogonadotropic Hypogonadism Symposia. Tokyo, Japan, February 2011.
36	Rare Nucleotide Variants in KISS1 in Patients with GnRH-Deficient Phenotypes. YM Chan, R Lapatto, M Au, V Hughes, SDC Bianco, L Min, L Plummer, F Cerrato, A de Guillebon, F Wahab, A Dwyer, SE Krisch, R Quinton, TD Cheetham, M Ozata, SB Ten, JP Chanoine, N Pitteloud, WF Crowley, KA Martin, R Schiffmann, JE Hall, UB Kaiser, SB seminara. 93rd Annual Meeting of the Endocrine Society, Boston, MA, June 2011
37	Gain-of-function mutations in FGFR1 in human GnRH deficiency. H Miraoui, KW Keefe, G Sykiotis, L Plummer, T Raivio, A Dwyer, Y Sidis, P Tsai, M Mohammadi, N Pitteloud. Oral presentation 93rd Annual Meeting of the Endocrine Society, Boston, MA, June 2011
38	Use of a unique human disease model to elucidate the role of FSH in human gonadal development. A Dwyer. Invited lecture - Centre Hospitalier Universitaire Vaudois Department of Gynecology, Obstetrics, and Medical Genetics. Lausanne Switzerland, September 2011
39	Functional GnRH deficiency in Men. H Lewkowitz-Shpuntoff, American Federation for Medical Research. Washington, DC, USA - April 2012.
40	Lifestyle Modification Can Reverse Hypogonadism in Men with Impaired Glucose Tolerance in the Diabetes Prevention Program. Oral presentation 94th Annual Meeting of the Endocrine Society, Houston, USA - June 2012.
41	Secondary analysis of the Diabetes Prevention Program: Insights into the relationship between testosterone and insulin resistance. Entretiens Clinique du Service d'Endocrinologie, Diabétologie et métabolisme (Endocrine Rounds), Centre Hospitalier Universitaire Vaudois, Lausanne, Switzerland - October 2012.
42	When the hoofbeats are from zebras - The endocrine nurse's role in rare disorders: Assessment, intervention and advocacy. Endocrine Nurses Society Symposium. Joint Meeting of the 16th International Congress for Endocrinology & the 96th Annual Meeting of the Endocrine Society. Chicago, USA - June 2014.
43	Health promotion: A mixed-methods study to uncover needs for nursing care. Assemblée générale 2014 de l'Association Suisse pour les sciences infirmières (APSI) [Swiss Association for Nursing Science – ANS]. Lausanne, Switzerland – November 2014
44	Identifying the needs of patients with congenital hypogonadotrophic hypogonadism: Implications for nursing practice. Endocrine Nursing Symposium. 17th European Congress of Endocrinology. Dublin, Ireland - May 2015
45	Innovative use of technology for health promotion and empowerment. Endocrine Nursing Symposium. 3rd Summer University of Nursing. Lausanne, Switzerland - June 2015

Scientific Abstract/Poster Presentations

1	Predictors of outcome to long term GnRH therapy in men with idiopathic hypogonadotropic hypogonadism (IHH). N Pitteloud, FJ Hayes, A Dwyer, P Boepple, H Lee, WF Crowley. 84th Annual Meeting of the Endocrine Society, San Francisco CA, June 2002.
2	Avoiding the 'Crick' in the road: Key insights from a decode genetics and PHS collaboration. A Dwyer, C DiTomasso, L Lammer, A Nikzad, C Quarrington, R Richardson, K Sutula, J Scheer. Massachusetts General Hospital Clinical Research Day, Boston MA, May 2003.
3	Acute stress masking the biochemical phenotype of partial androgen insensitivity syndrome in a patient with a novel mutation in the androgen receptor. N Pitteloud, J Villegas, A Dwyer, WF Crowley, MJ McPhaul, FJ Hayes. 85th Annual Meeting of the Endocrine Society, Philadelphia PA, June 2003.
4	Evaluation and quantification of the informed consent process. A Dwyer. 86th Annual Meeting of the Endocrine Society, New Orleans LA, June 2004.
5	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. N Pitteloud, J Acierno Jr, A Meysing, FJ Hayes, A Dwyer, V Hughes, S Seminara, WF Crowley. *Received Poster of distinction award from the Executive Committee on Research (ECOR). MGH Scientific Advisory Committee, Boston MA, February 2005
6	Seeing is believing: Results from a randomized controlled trial comparing written and multimedia informed consent formats. A Dwyer. Massachusetts General Hospital Clinical Research Day, Boston MA, June 2005.
7	Idiopathic hypogonadotropic hypogonadism as part of a complex syndrome including leukodystrophy, and oligodontia: Detailed phenotypic characterization. S Seminara, A Dwyer, R Schiffman, WF Crowley. Massachusetts General Hospital Clinical Research Day, Boston MA, June 2005.
8	Supplementing the informed consent process with visual aids. E Cagliero, A Saltzman, D Dunkless; A Dwyer, CL Hewitt, HA Higgins, C Ricciardi, R Tsay. National Meeting of General Clinical Research Centers, Washington DC March 2006.
9	Role of FSH in enhancing LH stimulated testosterone secretion: Use of the human model of idiopathic hypogonadotropic hypogonadism (IHH). A Dwyer, T Raivio, J Falardeau, V Hughes, FJ Hayes, WF Crowley, N Pitteloud. 88th Annual Meeting of the Endocrine Society, Boston MA, June 2006.
10	Reversibility of well-characterized men with Kallman syndrome (KS) and normosmic idiopathic hypogonadotropic hypogonadism (IHH): Implications for GnRH physiology. T Raivio, J Falardeau , A Dwyer, L Plummer, V Hughes, R Quinton, FJ Hayes, S Seminara, WF Crowley, N Pitteloud. 88th Annual Meeting of the Endocrine Society, Boston MA, June 2006.
11	Mutations in PROKR2 cause both Kallmann syndrome (KS) and normosmic idiopathic hypogonadotropic hypogonadism (nIHH). N. Pitteloud, L Cole, Y Sidis, L Plummer, V Hughes, R. Quinton, S Seminara, FJ Hayes, C Huot, N Alos, H Lavoie, P speiser, A Takeshita, G VanVliet, S Pearce, A Dwyer, QY Zhou, WF Crowley. *Received Poster of distinction award from the Executive Committee on Research (ECOR). MGH Scientific Advisory Committee, Boston MA, February 2007

12	Physiologic and genetic insights into adult onset hypogonadotropic hypogonadism (AHH). N Pitteloud, A Dwyer, J Falardeau, FJ Hayes, S Seminara, T Raivio, L Cole, WF Crowley. 89th Annual Meeting of the Endocrine Society, Toronto ON, June 2007
13	Previously underappreciated pituitary and gonadal defects in men with idiopathic hypogonadotropic hypogonadism (IHH) and Kallmann syndrome (KS). N Pitteloud, A Thambundit, A Dwyer, FJ Hayes, T Raivio, S Seminara, V Hughes, WF Crowley. 89th Annual Meeting of the Endocrine Society, Toronto ON, June 2007
14	Human FGFR1 mutations implicate specific downstream signaling pathways in the pathogenesis of idiopathic hypogonadotropic hypogonadism (IHH). AK Topaloglu, E Jacobson-Dickman , L Plummer, Y Sidis, H Chen, AV Eliseenkova, T Raivio , A Dwyer, KA Martin, M Yialamas, C Bergwitz, P Speiser, N Mungan , B Yuksel, S Farooqi, S O'Rahilly, M Mohammadi, N Pitteloud. 89th Annual Meeting of the Endocrine Society, Toronto ON, June 2007
15	Variable reproductive and nonreproductive phenotypes within and across kindreds harboring identical mutations of FGFR1. R Quinton, V Hughes, T Raivio, A Dwyer, L Plummer, S Seminara, E Jacobson-Dickman, FJ Hayes, S Pearce, M Mohammadi, P Bouloux, WF Crowley, N Pitteloud. 89th Annual Meeting of the Endocrine Society, Toronto ON, June 2007
16	FGF8 is a key ligand for FGFR1 in GnRH ontogeny: Evidence from the human disease model of idiopathic hypogonadotropic hypogonadism (IHH). T Raivio, L Cole, FJ Hayes, S Seminara, V Hughes, A Dwyer, R Quinton, S Pearce, JE Hall, WF Crowley, M Mohammadi, N Pitteloud. 89th Annual Meeting of the Endocrine Society, Toronto ON, June 2007.
17	An increasing role for oligogenicity in normosmic idiopathic hypogonadotropic hypogonadism (IHH) and Kallmann syndrome (KS). L Cole, L Plummer, R Quinton, E Jacobson-dickman, T Raivio, S Seminara, V Hughes, A Dwyer, FJ Hayes, S Pearce, M Mohammadi, P Bouloux, WF Crowley Jr, N Pitteloud. 89th Annual Meeting of the Endocrine Society, Toronto ON, June 2007.
18	Homozygous loss of function mutation in PROK2 causes Kallmann syndrome (KS) and circadian rhythm abnormalities. DA Cohen, N Pitteloud, D Pignatelli, A Dwyer, WF Crowley, EB Klerman. 90th Annual Meeting of the Endocrine Society, San Francisco CA, June 2008.
19	Abrupt decrease in testosterone following an oral glucose load in men. L Caronia, A Dwyer, D Hayden, N Pitteloud, FJ Hayes. *Received Poster of distinction award from the Executive Committee on Research (ECOR). Scientific Advisory Committee, Boston MA, February 2009
20	TAC3/TACR3 mutations reveal preferential activation of GnRH release by neurokinin B in neonatal life followed by reversal in adulthood. E Gianetti, C Tusset, SD Noel, M Au, A Dwyer, VA Hughes, AP Abreu, R Carroll, E Trarbach, LFG Silveira, EMF Costa, BB Mendonça, M Castro, A Lofrano, JE Hall, E Bolu, M Ozata, R Quinton, LK Amory, SE Stewart, W Arlt, TR Cole, WF Crowley, UB Kaiser, AC Latronico, SB Seminara. 92nd Annual Meeting of the Endocrine Society, San Diego CA, June 2010
21	Genotype prediction based on clinical features of GnRH deficiency. X Hoang, KW Keefe, L Plummer, A Dwyer, M Au, G Sykiotis, T Raivio, R Quinton, V Hughes, S Seminara, FJ Hayes, JE Hall, WF Crowley, N Pitteloud. 92nd Annual Meeting of the Endocrine Society, San Diego CA, June 2010

22	Male functional hypogonadotropic hypogonadism (MFHH): A distinct clinical entity? N Chavan, A Dwyer, KW Keefe, G Sykiotis, L Plummer, S Seminara, P Butler, MT Collins, WF Crowley, N Pitteloud. 92nd Annual Meeting of the Endocrine Society, San Diego CA, June 2010
23	The "Fertile Eunuch" syndrome: Genetics and natural history. R Balasubramanian, X Hoang, A Dwyer, G. Sykiotis, S Seminara, WF Crowley, N Pitteloud. 92nd Annual Meeting of the Endocrine Society, San Diego CA, June 2010
24	Similar expression as FGF (SEF): A novel locus for Kallmann syndrome. H Miraoui, B Feng, W Chung, M Au, L Plummer, A Dwyer, R Quinton, S Seminara, JP Chanoine, G Sykiotis, Y Sidis, P Tsai, N Pitteloud. Annual meeting of the Swiss Society of Endocrinology and Diabetes. Bern, Switzerland, November 2010.
25	Energy deficits and functional hypogonadotropic hypogonadism in men. A Dwyer, KW Keefe, G Sykiotis, P Butler, MT Collins, WF Crowley, N Pitteloud. University of Lausanne Faculty of Biology and Medicine Research Day. Lausanne, Switzerland, January 2011.
26	Mutations in the FGF8 genetic network underlie a large proportion of isolated human GnRH deficiency. H Miraoui, B Feng, G Sykiotis, L Plummer, R Quinton, V Hughes, WF Crowley, A Dwyer, Y Sidis, M Mohammadi, N Pitteloud. 93rd Annual Meeting of the Endocrine Society, Boston, MA, June 2011
27	Role of FSH prior to LH + FSH on testes development in humans: Effects on histologic, biochemical, and fertility parameters in men with isolated gonadotropin-releasing hormone (GnRH) deficiency and prepubertal testes. A Dwyer, G Sykiotis, FJ Hayes, PA Boepple, KR Loughlin, M Dym, WF Crowley, N Pitteloud. 93rd Annual Meeting of the Endocrine Society, Boston, MA, June 2011
28	Role of FRS2/FRS3 in GnRH neuron ontogeny. D Cassatella, E Jacobson-Dickman, G Sykiotis, A Beenken, H Chen, T Raivio, L Plummer,J-P Rey, A Dwyer, AV Eliseenkova, P Speiser, Y Sidis, M Mohammadi, N Pitteloud. Gordon Research Conference "Fibroblast Growth Factors in Development & Disease". Les Diablerets, Switzerland - May 2012
29	Identifying new disease-associated genes in Kallmann syndrome using whole-exome sequencing. D. Cassatella, J Liang, A Dwyer, JP Rey, VH Hughes, R Quinton, P Bouloux, M Lang-Muritano, Y Sidis, N Pitteloud. *Received Best Poster Award. University of Lausanne Faculty of Biology and Medicine Research Day "The World of Omics". Lausanne, Switzerland - June 2012.
30	Creating a European consortium to study GnRH deficiency (COST Action BM1105). N Pitteloud & A Dwyer. 51st Annual Meeting of the European Society for Paediatric Endocrinology, Leipzig, Germany - September 2012.
31	European consortium to study disorders of puberty. A Dwyer, M Hauschild, F Phan-Hug, N Pitteloud. Research Day for the CHUV Department of Pediatric Medicine and Surgery (Journée de Recherche du DMCP), Lausanne, Switzerland - January 2013
32	Central Role of the Nurse in the Transition from Pediatric to Adult Endocrine Care. A Dwyer, M Hauschild, F Phan-Hug, F Amati, T Gyuriga, S Emmanouilidis-Bertholet, A Parisod-Messerli, N Pitteloud. 94th Annual Meeting of the Endocrine Society, San Francisco, USA - June 2013.
33	Cerebellar ataxia and primary ovarian insufficiency associated to a 195.6 Kb deletion on chromosome 6p25.1. M Hauschild, D Martinet, D Cassatella, F Phan Hug, A Dwyer, N Pitteloud. 94th Annual Meeting of the Endocrine Society, San Francisco, USA - June 2013.

34	Interactome-Based Affiliation Scoring (IBAS) is a novel bioinformatic tool to identify and prioritize candidate genes: Validation study in congenital hypogonadotropic hypogonadism. H Miraoui, A Dwyer, GP Sykiotis, L Plummer, W Chung, B Feng, A Beenken, J Clarke, TH Pers, P Dworzynski, K Keefe, M Niedziela, T Raivio, WF Crowley, SB Seminara, R Quinton, VA Hughes, P Kumanov, J Young, MA Yialamas, JE Hall, G Van Vliet, J-P Chanoine, J Rubenstein, M Mohammadi, PS Tsai, Y Sidis, K Lage, N Pitteloud. 94th Annual Meeting of the Endocrine Society, San Francisco, USA - June 2013.
35	Prepubertal diagnosis of congenital hypogonadotropic hypogonadism by whole-exome sequencing in a neonate with microphallus and cryptorchidism. C Xu, M Lang-Muritano, D Cassatella, A Dwyer, F Phan-Hug, M Hauschild, G Sykiotis, BJ Stevenson, M Mohammadi, N Pitteloud. 9th Joint Meeting of Paediatric Endocrinology, Milan, Italy - September 2013.
36	Short stature, complex cardiac defects, and developmental delays associated with a *de novo* microduplication of chromosome 15q13.2q13. MC Addor, D Martinet, F Phan Hug, S Stoppa, D Cassatella, A Dwyer, N Pitteloud, M Hauschild. 9th Joint Meeting of Paediatric Endocrinology, Milan, Italy - September 2013.
37	Mutations in the BMP genetic network in patients with congenital GnRH deficiency. D Cassatella, J Liang, A Dwyer, G Sykiotis, H Miraoui, VA Hughes, C Xu, S Santini, XZ Liu, R Quinton, PM Bouloux, M Lang-Muritano, BJ. Stevenson, Y Sidis, JG Zhang, N Pitteloud. American Society of Human Genetics Annual Meeting, Boston, USA - October 2013.
38	Evaluation de l'indice de masse corporelle chez l'enfant référé pour trouble pubertaire. A Wagner, S Pichard, F Phan-Hug, E Elowe-Gruau, A Dwyer, N Pitteloud, M Hauschild. Research Day for the CHUV Department of Pediatric Medicine and Surgery (Journée de Recherche du DMCP), Lausanne, Switzerland - January 2014.
39	A collaborative approach to transitional care for adolescents with chronic endocrine conditions. A Dwyer, M Hauschild, F Phan-Hug, S Unal, S Pichard, T Gyuriga, S Emmanouilidis-Bertholet, A Parisod-Messerli, F Amati, N Pitteloud. 1st Symposium de l'IUFRS: cinq années de rigueur scientifique et d'audace! Lauanne, Switzerland - February 2014.
40	Exploring the molecular basis and phenotypic spectrum of reproductive disorders in South Africa. A Katz, A Dwyer, C Xu, N Pitteloud, R Millar. Society for Endocrinology, Metabolism and Diabetes of South Africa. Durban, South Africa - April 2014
41	Adherence to treatment for chronic hypogonadism: The role of illness perceptions and depressive symptoms. A Dwyer, J.Tiemensma, R. Quinton, D Morin, N Pitteloud. *Received Novartis Best Nursing Poster Award. 16th European Congress of Endocrinology. Wroclaw Poland - May 2014.
42	KLB, encoding the co-receptor for FGF21, is a novel locus underlies congenital GnRH deficiency. E Somm, C Xu, H Miraoui, T Kinnunen, N Preitner, A Dwyer, G Sykiotis, R Quinton, WF Crowley Jr, M Hauschild, F Phan-Hug, Y Sidis, M Mohammadi, N Pitteloud. The 16th International Congress for Endocrinology & the 96th Annual Meeting of the Endocrine Society. Chicago, USA - June 2014.
43	Extending the reach of nursing care: using technology to enhance access to expert care for patients with rare genetic disorders. A Dwyer, N Pitteloud, D Morin. 8th International nurse practitioner/advanced practice nursing network conference. Helsinki, Finland - August 2014.

44	Implementation of effective transition from pediatric to adult diabetes care with an outpatient transition nurse. E Elowe-Gruau, M-P Aquarone-Vaucher, V Schluter; F Phan-Hug, S Stoppa, A Dwyer, N Pitteloud, M. Hauschild. *Received Presidential Poster Award. 53rd Annual Meeting of the European Society for Paediatric Endocrinology, Dublin, Ireland - September 2014.
45	Autoimmune Polyglandular Syndrome in a patient with Tuberous Sclerosis. S Stoppa-Vaucher, T Jaton-Chabloz, E Roulet, E Elowe-Gruau, F Phan Hug, A Dwyer, N Pitteloud, M Hauschild. 53rd Annual Meeting of the European Society for Paediatric Endocrinology, Dublin, Ireland - September 2014.
46	Exome sequencing identifies Neuron-Derived Neutrophic Factor (NDNF) as a candidate gene for Kallmann Syndrome. S Santini, D Cassatella, C Xu, F. Phan-Hug, M. Hauschild, J Acierno, A Dwyer, Y Sidis, G Merlo, P Giacobini, T Raivio, N Pitteloud. *Received Best Poster Award. Annual meeting of the Swiss Society of Endocrinology and Diabetes. Bern, Switzerland - November 2014.
47	KLB encoding the co-receptor for FGF21 is mutated in congenital hypogonadotropic hypogonadism. C Xu, E Somm, H Miraoui, T Kinnunen, N Preitner, A Dwyer, G Sykiotis, R Quinton, WF Crowley, M Hauschild, F Phan-Hug, Y Sidis, M Mohammadi, N Pitteloud. Annual meeting of the Swiss Society of Endocrinology and Diabetes. Bern, Switzerland - November 2014.

Licensure & Certifications

- American Nurses Credentialing Center (ANCC) board certified Family Nurse Practitioner
- Commonwealth of Massachusetts, Registered Nurse & Nurse Practitioner, license # 233840
- Swissmedic Research Training I

Honors & Awards

1991	Cornell University Dean's List (Spring 1991)
1992	Cornell University Dean's List (Spring 1992)
1998	Zahka Memorial Scholarship
2003	Endocrine Nurses Society, Research Grant "Evaluation & Quantification of the Informed Consent Process"
2005	Poster of Distinction, Excecutive Council on Research "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" MGH Scientific Advisory Committee, Boston, USA
2007	Poster of Distinction - Executive Council on Research "Mutations in PROKR2 cause both Kallmann syndrome & normosmic idiopathic hypogonadotropic hypogonadism" MGH Scientific Advisory Committee, Boston, USA
2009	Poster of Distinction - Executive Council on Research "Abrupt decrease in testosterone following an oral glucose load in men" MGH Scientific Advisory Committee, Boston, USA
2009	Partners Healthcare, Partners In Excellence Award (for contributions to the Partners Personalized Medicine Biorepository Project)

2012	Best Poster Award "Identifying new disease-associated genes in Kallmann syndrome using whole-exome sequencing" University of Lausanne Faculty of Biology & Medicine Research Day "The World of Omics", Lausanne, Switzerland
2012	Presidential Poster Award "Creating a European consortium to study GnRH deficiency (COST Action BM1105)" 51st Annual Meeting of the European Society for Paediatric Endocrinology, Leipzig, Germany
2012	Endocrine Nurses Society, Research Grant "The Health Promotion Model and rare disease patients: A mixed methods study examining adherence to treatment in men with congenital hypogonadotropic hypogonadism"
2013	COST Actoin BM105 Short-Term Scientific Mission "Examining coping and health promoting behavior in patients with congenital hypogonadotropic hypogonadism"
2014	Novartis Best Nursing Poster Award "Adherence to treatment for chronic hypogonadism: The role of illness perceptions and depressive symptoms" 16th European Congress of Endocrinology. Wroclaw, Poland
2014	Presidential Poster Award "Implementation of effective transition from pediatric to adult diabetes care with an outpatient transition nurse" 53rd Annual Meeting of the European Society for Paediatric Endocrinology Dublin, Ireland
2014	Best Poster Award: "Exome sequencing identifies Neuron-Derived Neutrophic Factor (NDNF) as a candidate gene for Kallmann Syndrome" Annual meeting of the Swiss Society of Endocrinology and Diabetes. Bern, Switzerland

Professional activities

1998-2000	MGH Institute of Health Professions, Student Council Nursing Representative
2003	MGH Committee for Research Nurse Education: 2003
2003-2008	MGH Institute of Health Professions, Alumni board
2004	MGH Committee for Educating the Community on Clinical Research
2005	MGH Institute of Health Professions, 25th Commencement Committee
2006	Graduate Student Preceptor for the Program in Clinical Investigation
2006-2007	MGH Institute of Health Professions, Presidential Search Committee
2007-2008	MGH Institute of Health Professions, Alumni Board President
2008-2010	MGH Clinical Research Program, Educational Series Core Content Contributor
2002-present	Endocrine Nurses Society, Member
2012-present	C.O.S.T. Action BM1105 Short Term Scientific Mission Manager
2012-present	C.O.S.T. Action BM1105 Working Group I: Clinical Group
2012-present	C.O.S.T. Action BM1105 Working Group 4: Training & Education
2012-present	C.O.S.T. Action BM1105 Working Group 5: Patietn Advocacy, Co-Leader
2012	Planning Committee, Joint Training School of COST, the Federation of European Neuroscience Societies (FENS) & the International Brian Research organization (IBRO) Training School in Neuroscience (Prato, Italy: July 27-August 2nd 2013)
2013	Key contributor, Position Statement on "Genetic Biobanking for Research" International Society of Nurses in Genetics (ISONG)

2013	Planning Committee, COST Action BM1105 Joint Scientific Meeting & Training School (Berlin, Germany: March 6-9, 2014)
2014	Core Contributor, RareConnect online Patient Community (Kallmann syndrome) www.rareconnect.org
2014	Reviewer, abstracts submitted for the 26th Annual Meeting of the International Society of Nurses in Genetics (ISONG)
2014	Contributor, European Consensus Statement on the diagnosis and treatment of congenital hypogonadotropic hypogonadism
2014	Planning Committee, COST Action BM1105 Joint Scientific Meeting & Training School (Prato, Italy: April 27-29, 2015)

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