

# Curriculum Vitae – Robert D. Hadley, PhD, PA-C, Assoc. Prof. Emeritus

Last Updated: May, 2023

## **PERSONAL DATA**

Name: Robert D. Hadley

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Cell: ████████████████████

██; robert.hadley@ufl.edu

Citizenship: USA

Foreign language: Spanish (working knowledge/medically adequate)

## **EDUCATION**

<u>Years attended</u>	<u>Training/Degree</u>	<u>Location</u>
1972-1974	Biology, No degree	Central College, Pella, IA
1974-1976	B.A., Zoology, May, 1976	Univ. of Iowa, Iowa City, IA
1976-1983	Ph.D., Zoology, Jan, 1983	Univ. of Iowa, Iowa City, IA
1995-1997	B.S., PA Studies, Aug, 1997	Medical Univ. of SC, Charleston, SC

## **BOARD CERTIFICATIONS**

National Commission for Certification of Physician Assistants

Certification Number: 1036859, 1997-present

## **PROFESSIONAL LICENSURES**

SC Board of Medical Licensure State: SC; License Number: A491-IM, 1997-2001 (inactive)

Kentucky Board of Medical Licensure; License Number: PA762, 2003-2008 (inactive)

Virginia Board of Medicine; License Number: 0110002922, 2008- present (active)

Florida Board of Medicine; License Number: PA 9116899, 2023-present (active)

## **MILITARY SERVICE**

None

## **ACADEMIC APPOINTMENTS**

1987-1994	Assistant Professor, Dept of Cell Biology & Anatomy, Medical University of SC (MUSC)
1992-1996	Joint Appointment, Assistant Professor of Marine Biomedical and Environmental Science, MUSC
1994-1996	Assistant Professor, Dept of Medicine, MUSC
1997-2001	Assistant Professor, PA Program, Dept of Clinical Services, CHP, MUSC

2001- 2008	Associate Professor, tenure track, Dept of Clinical Sciences, CHS, University of KY (UKY)
2003- 2008	Joint Appointment, Dept of Family and Community Medicine, College of Medicine, UKY
2008- 2019	Associate Professor, Dept of Community Health Sciences, Jefferson College of Health Sciences (JCHS)
2019- 2022	Associate Professor, Dept of PA Studies, Radford University Carilion (RUC)
Jan 2023	Associate Professor Emeritus, Retired from Radford University Carilion
Apr 2023-present	Adjunct Associate Professor, University of Florida School of PA Studies

### **PROFESSIONAL CLINICAL POSITIONS**

PA practice at McClennan-Banks Internal Medicine clinic 1997-2001  
 PA practice at Georgetown (KY) Community Hospital Occupational Medicine, 2003-2004  
 PA practice in UK Department of Family Practice (part-time), 2004- 2008  
 PA practice in Family Medicine (part-time), Primary Care Associates, Salem, VA, 2009-2011  
 PA practice in Carilion Community Care Clinic/Family Practice/Urgent Care, Roanoke, VA, 2011-2023

### **OTHER PROFESSIONAL EXPERIENCE**

#### Consulting:

Member SmithKline Beecham PA Advisory Board for anti-infectives, 2000  
 Member Abbott Laboratories PA Advisory Board, 2004  
 Pfizer Cardiovascular Advisory Board, "Physician Assistants and Pfizer: A Partnership in Cardiovascular Care", 2005  
 Miscellaneous medicolegal case consulting, 2012-present

#### Reviewing Activities:

Ad hoc reviewer for Journal of Neuroscience, Journal of Comparative Neurology, Brain Research, ADVANCE for Physician Assistants, multiple dates  
 Mail reviewer for NSF Developmental Neuroscience Program, 1984-1994  
 Ad Hoc reviewer for NIH Neurology B (II) study section, 1991  
 Mail reviewer for NSF Cognitive Neuroscience Program, 1992  
 Grant review for AAPA/PAEA Research Program. 2007-2016  
 M. Chisholm/ Pharmacotherapy Principles & Practice, 1st ed., chapter on diabetes reviewed 2006, published 2007  
 (Author blinded from reviewers)/ An Educator's 'How To' Guide to Comprehensive History and Physical Write-Ups, reviewed proposal for book 2006.  
 Wells, DiPiro, Schwinghammer and Hamilton/ Pharmacotherapy Handbook, 6th Ed., McGraw-Hill, 2006, book reviewed in 2007 for suggestions for 7th Ed.  
 Reviewer of abstracts for AAPA Annual meeting Clinical and Professional Poster Session. January 2007-2010, 2016.

Member: Opioid Curriculum Workgroup and Pain Management Subcommittee. An ad hoc workgroup with subcommittees commissioned by the Virginia DHP in response to the opioid

crisis. May-Nov 2017

Participant: PANRE Standard Setting meeting, John's Creek, GA, October 2018; (with group of PAs from across the US, worked with NCCPA psychometricians to establish appropriate pass/fail standards for the national PA recertification exam)

### **SCHOLASTIC HONORS**

Dean's List, Univ of Iowa, 1976

Univ of Iowa Neural and Behavioral Sciences predoctoral Fellow, 1979-1981

NRSA Individual Postdoctoral Award recipient, 1983-1986

Esther A. and Joseph Klingenstein Fellow, 1988-1991

Dean's List, MUSC (PA program), B.S. Magna Cum Laude, 1997

### **ADMINISTRATIVE SERVICE**

Over 30 years in academics, with many roles in institutional service, before and after transitioning to PA education. There are literally too many activities to list.

#### Most recent committees, etc:

Chair, Admissions Committee for JCHS/Radford Univ PA Program

Member, JCHS/Radford PA Program Curriculum Committee

Member, ISLOC Math Evaluation Committee for JCHS

#### Professional organization activities:

Member of AAPA Education Council, 2005-2008, reappointed 2008-2011

Chair of AAPA Professional Education Commission, 2011-2013

#### PAEA/APAP:

PAEA Research Institute Subcommittee for Student Research Affairs (National Student Writing Contest), member 2003-2011, Chair 2007-2011

PAEA Research Institute Subcommittee for AAPA/APAP Research Grants (administer AAPA grants process), 2005-2008

PAEA Research Institute Advisory Committee, January 2007- 2011

Chair, Committee on Didactic Education, 2014-2017

Member, Curriculum Council, 2014-2017

Member, Faculty Development Mission Advancement Commission, 2017-2019

Director at Large, PAEA Board, 2021-2023

### **MEMBERSHIPS IN PROFESSIONAL SOCIETIES**

AAPA member, 1997-2020

AAPA Distinguished Fellow, 2012-2020

PAEA(/APAP) member, 1997-present

VA Academy of PAs, member, 2008-present

Virginia Pain Society, 2018-present

## **FUNDING:**

No active or pending grants

### **Past grants:**

PI, NRSA Individual Postdoctoral Award, competitive application, 1983-1986, \$80,000, 100% effort

PI, Klingenstein Foundation, 1988-1992, \$100,000, 0% effort, Robert D. Hadley, PI

PI, MUSC Institutional Grant, 1991-92, \$6,000

PI, MUSC Innovative Technology in Instruction, 1997-1998, \$4,300

Co-Investigator, NIH, 1993-94, #S10 RR08201, "Laser Scanning Confocal Microscope and Workstation" (Shared Instr. Grant), \$206,000 direct costs, 10% effort, Robert P. Thompson, PI

PI, MUSC/CHP seed money program, P.I., "Baseline measurements of insulin resistance in Type 2 diabetic patients", 1999-2000, \$4,750

PI, 7/1/03 BHP/HRSA PA training grant, "Preventive medicine in PA primary care training", \$476,130 direct costs over 3 years, fully funded 2003-2006, with no-cost extension of grant period July 2006-June 2007.

Co-PI, 10/7/05 Submitted proposal (as Co-Investigator) "Maximizing the impact of a critical skills curriculum for prescribers", \$362,114 total costs over 2 years, Paul Dassow, PI. Fully funded 2006-2008.

## **TEACHING SERVICE**

### **Most recent teaching (RUC):**

Director of 3 semester sequence of Clinical Medicine courses

Co-Director of Research Methods course

Co-Director of 5 semesters of Master's Project courses

Chair/member of PA Master's degree committees

2018-2020, faculty mentor for 2 PAEA Public Health Policy Fellows Joey Montgomery and Sydney Adams (RUC)

2018-2020, faculty mentor for PAEA Future Educator Fellow, Hwal Lee (RUC)

### **Past teaching, etc:**

1987-2022, numerous lectures in various courses in medical school and PA program settings (Neuroscience, Cell Biology/Histology, Pathophysiology, Clinical Medicine, Clinical Skills, Research Methods). Various small group learning activities in 3 different institutions.

1987-2022, Chair and/or member of 2 PhD, 3 MD/PhD (MUSC), 2 DHSc committees (RUC).

2001-2008, Member or Chair of ~50 PA Master's degree committees per year at UKY.

1988-1995, various lectures to medical Residents/Fellows

1988, Development of Neuroscience course for medical students, MUSC College of Medicine

1997-present, occasional clinical precepting of PA students in Internal Medicine, Family Practice, Urgent Care

1997, Development of Pathophysiology curriculum, MUSC PA program

1999, Development of Research Methods course/curriculum, MUSC PA Program

2001, Development of Master's Project curriculum (with other faculty), UK PA Program

2008, Development of Master's Project curriculum (with W. Kennedy), JCHS PA Program  
2012-2020, regular precepting of PA students in clinic of local homeless shelter (interrupted by COVID pandemic)

## **PUBLICATIONS**

### Peer-reviewed journal articles:

- Kater, S. B., Fountain, R. L. and **Hadley, R. D.** (1977) Reversible procaine block of activity in selected nerve trunks. *J. Electrophysiological Tech.* 5(3): 30-34.
- Hadley, R. D.**, Murphy, A. D. and Kater, S. B. (1980) Ionic bases of resting and action potentials of salivary gland acinar cells of *Helisoma*. *J. Exp. Biol.* 84: 213-225.
- Wong, R. G., **Hadley, R. D.**, Kater, S. B. and Hauser, G. C. (1981) Neurite outgrowth in molluscan organ and cell cultures: the role of conditioning factor(s). *J. Neurosci.* 1: 1008-1021.
- Hadley, R. D.**, Wong, R. G., Kater, S. B., Barker, D. L. and Bulloch, A. G. M. (1982) Formation of novel central and peripheral connections between molluscan central neurons in organ cultured ganglia. *J. Neurobiol.* 13: 217-230.
- Kater, S. B. and **Hadley, R. D.** (1982) Video monitoring of neuronal plasticity. *T.I.N.S.* 5: 80-82.
- Cohan, C. S., **Hadley, R. D.** and Kater, S. B. (1983) "Zap axotomy": localized fluorescent excitation of single dye filled neurons induces growth by selective axotomy. *Brain Res.* 270: 93-101.
- Hadley, R. D.** and Kater, S. B. (1983) Competence to form electrical connections is restricted to growing neurites in the snail *Helisoma*. *J. Neurosci.* 3: 924-932.
- Murphy, A. D., **Hadley, R. D.** and Kater, S. B. (1983) Axotomy induced parallel increases in electrical and dye coupling between identified neurons of *Helisoma*. *J. Neurosci.* 3: 1422-1429.
- Hadley, R. D.**, Kater, S. B., and Cohan, C. S. (1983) Electrical synapse formation is dependent upon mutual neuronal outgrowth. *Science* 221: 466-468.
- Purves, D. and **Hadley, R. D.** (1985) Changes in the dendritic branching of adult mammalian neurones revealed by repeated imaging in situ. *Nature* 315: 404-406.
- Hadley, R. D.**, Bodnar, D. B. and Kater, S. B. (1985) Formation of electrical synapses between isolated, cultured *Helisoma* neurons requires mutual neurite elongation. *J. Neurosci.* 5: 3145-3153.
- Purves, D., **Hadley, R. D.** and Voyvodic, J. T. (1986) Dynamic changes in the dendritic geometry of individual neurons visualized over periods of up to three months in the superior cervical ganglion of living mice. *J. Neurosci.* 6: 1051-1060.
- Hadley, R. D.** (1989) Innervation and geometry of rabbit ciliary ganglion cells after preganglionic nerve regeneration. *J. Comp. Neurol.* 295: 268-276.
- Miller\*, J. D. and **Hadley, R. D.** (1991) Laminin-like immunoreactivity in the snail, *Helisoma*: Involvement of a ~300 kD extracellular matrix protein in promoting outgrowth from identified neurons. *J. Neurobiol.* 22: 431-442.
- Miller\*, J. D., **Hadley, R. D.** and Hammond\*, C. E. (1994) Growth cone collapse and neurite retraction from cultured *Helisoma* neurons in response to antibody Fab fragments against an extracellular matrix protein. *Developmental Brain Research* 79: 203-218.
- Hadley, R. D.** and Miller\*, J. D. (1995) The regulation of acetylated microtubules during outgrowth from cultured neurons of the snail, *Helisoma*. *Dev. Brain Res* 89: 129-138.

**Hadley, R. D.**, Whaley, J. W., Askins, D.G., Jr. (1998) Treatment of type 2 diabetes: A review of metformin in clinical practice. *J. SC Med. Assoc.* 94: 12-15.

**Hadley, R. D.** (1998) Confronting possible fraud. *Workplace Q & A. Advance for Physician Assistants* 6(#6): 19.

**Hadley, R. D.** (1999) When is a PhD not a doctor? *Workplace Q & A. Advance for Physician Assistants* 7(#3): 21.

**Hadley, R. D.** (1999) How will technology affect PAs in the future? *Advance for Physician Assistants* 7(#12): 37.

Weiss\*, K. S., White\*, D. M., Weatherford\*, S. and **Hadley, R. D.** (2000) Osteoarthritis: Pathophysiological basis for new and current treatments. *Advance for Physician Assistants* 8(#2): 51-57.

Thomas\*, S., Thomas\*, T., Trigiani\*, J. and **Hadley, R. D.** (2000) Obstructive sleep apnea: Current concepts and treatment. *Advance for Physician Assistants* 9(#4): 38. 43-45 passim.

**Hadley, R. D.** (2002) Strategies for the prevention of Type 2 diabetes: What do you tell your patients? *Advance for Physician Assistants* 10 (#5-6): 42-44.

Vishio, J. (2002) You have diabetes: Now what? (interviewed as national expert for article) *Advance for Physician Assistants* 10(#9): 47-48.

**Hadley, R. D.** and Graber, M. A. (2003) Point-Counterpoint: Should we measure C-Reactive Protein levels to assess cardiovascular risk? *Journal of the American Academy of Physician Assistants* 16(#1): 17-19.

Zellmer, M. R. and **Hadley, R. D.** (2004) A descriptive analysis of capstone project requirements in academic and professional Master's degree programs. *Perspectives on Physician Assistant Education* 15(#2): 82-87. (published April of 2005)

**Hadley, R. D.** (2005) Feature article: Treatment options for metabolic syndrome. *Clinical Advisor* 8(#11): 45-55.

**Hadley, R. D.**, Lillo, J. Bray, G., Woods, S. C. and Henry, R. R. (2006) Controlling Disease by Modifying Risk: New Approaches to Cardiovascular and Metabolic Diseases. Supplement to the *Journal of the American Academy of Physician Assistants*. December 2006.

#### Book Chapter:

Kater, S. B. and **Hadley, R. D.** (1982) Intracellular staining combined with video fluorescent microscopy for viewing living identified neurons. In: *Cytochemical Methods in Neuroanatomy*, S. Palay and V. Chan Palay, eds., Alan R. Liss, New York, pp. 441-459.

#### Published Abstracts (Poster Presentations):

**Hadley, R. D.** and Kater, S. B. (1979) Characterization of identified neurons of *Helisoma* maintained in in vitro organ culture for the study of regeneration. *Soc. Neurosci.* 5: 627.

Kater, S. B. and **Hadley, R. D.** (1980) Visualization of living, intracellularly stained neurons using a Silicon Intensified Target camera. *Soc. Neurosci.* 6: 686.

Wong, R. G., **Hadley, R. D.**, Kater, S. B., Hauser, G. C. and Martel, E. C. (1981) Conditioning factor(s) for neurite outgrowth: molluscan neurons in culture. *Soc. Neurosci.* 7: 348.

**Hadley, R. D.**, Wong, R. G. and Kater, S. B. (1981) Coding for a central connection is also present in the periphery. *Soc. Neurosci.* 7: 598.

Cohan, C. S., **Hadley, R. D.** and Kater, S. B. (1982) "Zap axotomy": growth of single axons induced by localized fluorescent dye irradiation. Soc. Neurosci. 8: 306.

**Hadley, R. D.** and Kater, S. B. (1982) Growing neurites are required for formation of electrotonic connections in molluscan ganglia. Soc. Neurosci. 8: 435.

**Hadley, R. D.** and Purves, D. (1985) Ongoing changes in the dendritic arbors of individual superior cervical ganglion neurons visualized in living mice. Soc. Neurosci. 11: 963.

Miller\*, J. D. and **Hadley, R. D.** (1989) Laminin immunoreactivity in the CNS of the snail, *Helisoma trivolvis*. Soc. Neurosci. 15: 571.

Miller\*, J. D. and **Hadley, R. D.** (1990) An antibody against a *Helisoma* laminin-like protein inhibits outgrowth from identified neurons in vitro. Soc. Neurosci. 16: 313.

**Hadley, R. D.** and Miller\*, J. D. (1991) Rapid disappearance and gradual reappearance of acetylated microtubules following axotomy and regrowth of *Helisoma* neurons. Soc. Neurosci. 17: 533.

Miller\*, J. D. and **Hadley, R. D.** (1991) Antibodies against a ~300 kD *Helisoma* ECM protein cause growth cone collapse and neurite retraction in cultured neurons. Soc. Neurosci. 17: 533.

Robertson, J. D., **Hadley, R. D.** and Hammond\*, C. E. (1992) Identification of an Octopus protein related to a *Helisoma* ECM neurite outgrowth-promoting protein. Soc. Neurosci. 18: 1469.

Vora, A. A., Stephanoff, C. C. and **Hadley, R. D.** (1996) Perceptions and attitudes of students at a new Physician Assistant program. AAPA 24th Annual Meeting, New York City.

Allison-Jones, L., Clark, W., **Hadley, R. D.**, Haynes, D., Kennedy, W., Price, J, Southard, D., & Vari, P. (2009. May). Development of an Interprofessional Evidence-based Practice Course. Facilitated poster session presented at Collaborating Across Borders II: Building Bridges Between Interprofessional Education and Practice, Halifax, Nova Scotia.

**Hadley, R. D.**, Airey, P., Dillingham, D. and Kennedy W. (2009) Development of Interprofessional Evidence-Based Practice and Other Courses (Abstract). The Journal of Physician Assistant Education. 20(#4): 29.

**Hadley, R. D.**, Lash, J. C., & Kennedy, W. (2013). A novel method of small recurrent assignments: Facilitating incorporation of evidence-based medicine into daily practice. [Abstract]. The Journal of Physician Assistant Education, 24(2), 61e.

\*Supervised student

## **POSTER PRESENTATIONS**

Published abstracts listed above

## **ORAL PRESENTATIONS**

### Local/State/Regional:

University of Georgia, November, 1992, "Factors Affecting the Growth of Identified Molluscan Neurons"

SC Chapter of Society for Neuroscience, May, 1993, "Cytoskeletal Dynamics, the Extracellular Matrix, and Neurite Outgrowth"

James Madison University PA Program, April 1998, "Recent Concepts of Type 2 Diabetes"

Mayo School of Continuing Medical Education Internal Medicine Review for Nurse Practitioners and Physician Assistants, "A descriptive analysis of capstone project requirements in academic

and professional PA Master's programs", a poster presented as co-author with Mark Zellmer, September, 2005.

Yale University PA Program, April 2007, Presentation: "Infectious Disease Issues"

Shenandoah University PA Program, February 2008, "Confusing Clinical Trials: Can we ADVANCE to an ACCORD?"

National/International:

Gordon Conference on Neural Plasticity, 1987, "Imaging Living Neurons in Mammals"

Klingenstein Fellows Conference, Cold Spring Harbor, NY, April, 1990, "Regulation of Neurite Outgrowth"

Association of Family Practice Physician Assistants CME conference, November, 1999, "Preventing Complications in Type 2 Diabetes"

Association of Family Practice Physician Assistants CME conference, November, 2002, "Managing the Metabolic Syndrome"

APAP Semi-Annual Meeting, Boston, MA., May, 2002, "Growing pains: the transition from an undergraduate to a graduate PA program".

APAP Semi-Annual Meeting, New Orleans, LA., May, 2003, "What constitutes a Master's Project?"

APAP Semi-Annual Meeting, Las Vegas, NV., May, 2004, "Attrition of PA students-- has the arena changed?"

APAP Semi-Annual Meeting, Las Croabas, Puerto Rico, November, 2005, "Using Standardized Patient Evaluations as Clinical Competency Checkpoints: Lessons Learned." Presentation of "Pearl", as co-author with Karen Skaff and Eileen VanDyke.

AAPA Satellite Symposium participant, May 2006, "Controlling Disease by Modifying Risk: New Approaches to Cardiovascular and Metabolic Diseases"

PAEA Semi-Annual Meeting, Philadelphia, PA, May, 2006, "An experiment in PA student weekly computer testing". Presentation of Roundtable, as co-author with Bill Grimes.

PAEA Semi-Annual Meeting, Philadelphia, PA, May, 2006, "When Students Struggle...". Presentation of Roundtable, as co-author with Gerry Gairola.

AAPA Satellite Symposium participant, May 2008, "Improving Obesity Management in the Patient with Cardiometabolic Risk", as part of a symposium entitled "Cardiometabolic Risk and the Diabetic Patient: The Role of the Physician Assistant"

PAEA Annual Forum, Philadelphia, PA, Oct 2014, "What are the important didactic education issues?", Focused Discussion (with Committee on Didactic Education co-authors)

PAEA Annual Forum, Anaheim, CA, Oct 2018, "Outcomes-Based Education and Teaching Physician Assistants", Focused Discussion (with Faculty Development Mission Advancement Commission co-authors)

PAEA Annual Forum, Washington, DC, Oct 2019, "High Value Care: Is it in your curriculum?", Focused Discussion

6<sup>th</sup> Annual Conference on Faculty Development in the Health Professions (Association for Medical Education in Europe), Dundee, Scotland, Aug 2021, "Making an Educator: Pilot evaluation of a Physician Assistant (PA) student-led academic medicine rotation", live virtual presentation (co-author with Hwal Lee, PA-C, PAEA Future Educator Fellow)



PAEA Annual Forum, Virtual, Oct 2021, “How we did it: innovative student-led academic medicine elective rotation”, Spotlight Presentation (co-author with Hwal Lee, PA-C, PAEA Future Educator Fellow)

Continuing Education/Workshops Presented:

South Carolina Academy of Physician Assistants CME conference, November, 2000, “How to Assess the Medical Literature, How to Use the Medical Internet” (Evidence-Based Medicine)  
1st Annual Symposium in Preventive Medicine, October 2004 (funded by PA training grant)  
Provision of training in Preventive Medicine to Community Health Centers, December 2004  
2nd Annual Symposium in Preventive Medicine, October 2005 (funded by PA training grant)  
AAPA Satellite Symposium participant, May 2006, “Controlling Disease by Modifying Risk: New Approaches to Cardiovascular and Metabolic Diseases”. May be viewed at the web site: <http://www.presentme.com/aapa/2006annual/adjsym/>  
AAPA Satellite Symposium participant, May 2008, “Improving Obesity Management in the Patient with Cardiometabolic Risk”, as part of a symposium on “Cardiometabolic Risk and the Diabetic Patient: The Role of the Physician Assistant,”. May be viewed at the web site: <http://aapa08.onlineevent.com/PresentationDetail.aspx?PresentationID=1705>  
Virginia Academy of Physician Assistants 2013 Fall Conference, November 2013, “Current Guidelines for Diabetes Care for 2013”. Roanoke, VA  
Virginia Academy of Physician Assistants 2014 Summer Conference, July 2014, “What’s New in Diabetes, 2014?”, Virginia Beach, VA  
Virginia Academy of Physician Assistants 2017 Fall Conference, November 2017. “High Value Care”, Roanoke, VA

**OTHER ACTIVITY**

Articles below were published in AAPA News as member of Education Council. These articles focused on important aspects of PA practice, especially incorporating the concept of “competency”, rather than simply medical knowledge. This emphasis had not been a major focus in the past, and represented the cutting edge of medical education and evaluation of medical providers.

A Primer on the Purpose of Continuing Medical Education, *AAPA News*, January 15, 2007  
Evolution of CME Providing Innovative Modalities, *AAPA News*, March 30, 2007  
Professionalism, Pharmaceutical Industry Influence, CME, and PAs, *AAPA News*, July 30, 2007  
Putting a Face on Applying the Competencies, Part I, *AAPA News*, August 30, 2007  
Putting a Face on Applying the Competencies, Part II, *AAPA News*, September 30, 2007  
Putting a Face on Applying the Competencies, Part III, *AAPA News*, October 30, 2007  
Learning Portfolio: Tool for Becoming a More Self-reflective Practitioner, *AAPA News*, September 30, 2007