

J. CHARLES ELDRIDGE - BIBLIOGRAPHY MEDICAL AND GRADUATE EDUCATION

Publications

Eldridge JC. Learning Pharmacology in a Problem-Based Curriculum. In: AL Aaronson, JE Riviere (eds), *Educational Perspectives for the 21st Century*, American Academy of Veterinary Pharmacology, 1991, pp. 97-103

Eldridge JC, Sonntag WE. Use of Small Group Clinical Discussion Questions in a Medical Physiology Course to Help Develop Conceptual and Reasoning Skills. *The Forum - Newsletter (AAMC-GEA)* 3:11-13 (1993)

Eldridge JC, Gershon MH. Is the Traditional Curriculum Worth Saving? In: RA Koment (ed), *New Educational Strategies for the Basic Sciences*, Association of American Medical Colleges, 1994, pp. 78-88

Eldridge JC, Paris JM, Brunso-Bechtold JK. "The Lesion Hunt. Small-Group Review Sessions in a Traditional Medical Neuroscience Course", *Soc Neurosci Abstr* 21:248 (1995)

Eldridge JC. Prescription for Excellence: A new computer-based medical curriculum for Wake Forest University. In: DG Brown (ed), *Teaching with Technology*, Anker Publishing Co., Bolton, MA. 2000, pp. 116-118

Eldridge JC. Assessment of Pharmacology Issues in an Integrated Medical Curriculum. *The Pharmacologist* 42:138 (2000)

Spangler JG, Enarson C, **Eldridge JC.** "An integrated approach to a tobacco-dependence curriculum", [Academic Med 76:115 \(2001\)](#)

Eldridge JC, Cowan B, LaBarbera A, Lura T, Newton B, Post M, Stein T. "Gender differences in biological functions, development and pharmacological response", in Cain J, Donoghue G, Erickson S, Magrane D, Potter J, Rusch R, Stein T. [Women's Health Care Competencies for Medical Students](#), Association of Professors of Gynecology and Obstetrics, Crofton, MD, 2005, 106 pp.

Blue AV, Crandall S, Luecht R, **Eldridge JC**, Nowacek G, Smith, S, Chauvin S, Swick H. "Assessment of matriculating medical student knowledge and attitudes towards professionalism". *Med Teach* 31:1-5 (2009)

Johnson AD, Lambros AM, Peiffer AM, Tytell M, **Eldridge JC**, Jones NL. "Teaching bioethics and professional conduct through problem-based learning", *Proc Assoc Biol Lab Educ* 31:134-161 (2009)

Nowacek G, Blue A, Swick H, Crandall S, Luecht R, **Eldridge JC**, Chauvin S, O'Rourke K, Jackson D, Smith S. "Assessment of Medical Student Professionalism Development", [MeEdPORTAL](#), Association of American Medical Colleges, Washington, DC, 2010, 80 pp.

Jones NL, Peiffer AM, Lambros A, Guthold M, Johnson AD, Tytell M, Ronca A, **Eldridge JC.** "Developing a problem-based learning (PBL) curriculum for professionalism and ethics training for biomedical graduate students." [J Med Ethics 36:614-619 \(2010\)](#)

Jones NL, Peiffer AM, Lambros A, **Eldridge JC**. "Problem-based learning for professionalism and scientific integrity training of biomedical graduate students: Process evaluation." [*J Med Ethics* 36:620-626 \(2010\)](#)

Presentations at Professional Conferences

Bradley EW, **Eldridge JC**, Hamilton RW, Philp JR. "Developing a Case-Based Content Examination", a demonstration at the *Association of American Medical Colleges*, 100th annual meeting, Washington, DC, November 14, 1989

Eldridge JC. "How Problem-Based Learning Enhances Pharmacology Teaching", an invited symposium speech, *American Academy of Veterinary Pharmacology*, 7th biennial meeting, North Carolina State University, Raleigh, NC, June 14-15, 1990

Bradley EW, **Eldridge JC**, Philp JR. "Case-Based Content Examinations for Students in a Problem-Based Curriculum", a demonstration at the *Generalists in Medical Education Conference (AAMC)*, Washington, DC, November 9, 1991

Camp MG, **Eldridge JC**, Peters DW, Knudson MP and Tolmie JD. "Preparing Tutors for Problem-Based Small Groups", a presentation at the *Association of American Medical Colleges*, 102nd annual meeting, Washington, DC, November 11, 1991

Eldridge JC, Gershon MH. "Is the Traditional Curriculum Worth Saving?", a plenary debate at the *1st Basic Science Educational Forum (AAMC)*, Charleston, SC, June 15-18, 1993

Eldridge JC. "How to Emphasize Basic Sciences in a Case-Based Curriculum", *1st Basic Science Educational Forum (AAMC)*, Charleston, SC, June 15-18, 1993

Eldridge JC. "Traditional-PBL-Hybrid Curricula: Comparing Student Performance", *2nd Basic Science Educational Forum (AAMC)*, Lincolnshire, IL, June 18-20, 1995

Eldridge JC, Paris JM, Brunso-Bechtold KK. "The Lesion Hunt. Small-Group Review Sessions in a Traditional Medical Neuroscience Course", Society for Neuroscience, 25th annual meeting, San Diego, CA, November 8-12, 1995

Eldridge JC. "The Future of PBL in an Era of Downsizing", an invited talk at the *3rd Basic Science Educational Forum (AAMC)*, Charleston, SC, June 15-17, 1997

Eldridge JC, Strandhoy JW. "Problem-Based Learning in the New Wake Forest University School of Medicine Curriculum", an invited talk at the *AAMC Southern Group on Educational Affairs*, New Orleans, LA, March 16-18, 1998

Eldridge JC, Schwartz RP. "The Standardized Patient Assessment in A Prescription for Excellence" the *AAMC Southern Group on Educational Affairs*, Annual Meeting, San Juan, PR, April 29-May 1, 1999.

Strandhoy JW, **Eldridge JC**. "Models of Curricular Integration". A workshop at the *4th Biennial Conference of the International Association of Medical Science Educators*, Washington, DC, July 17-20, 1999

Eldridge JC, Schwartz RP. "Evaluating Student Learning in the Integrated Curriculum". A workshop at the 4th *Biennial Conference of the International Association of Medical Science Educators*, Washington, DC, July 17-20, 1999

Eldridge JC, Strandhoy JW. "Basic Science Competence Across all Medical School Years: Who, What, Why, Where, How?" Annual Meeting, *AAMC Southern Group on Educational Affairs*, Richmond, VA, March 9-11, 2000

Eldridge JC. "Assessment of Pharmacology Issues in an Integrated Medical Curriculum", an invited talk at the *ASPET Teaching Institute, American Society of Pharmacology and Experimental Therapeutics*, Annual Meeting, Boston, MA, June 3-8, 2000

Strandhoy JW, **Eldridge JC**. "Designing Effective Horizontal Integration", a workshop at the *International Association of Medical Science Educators*, 5th Annual Meeting, Rochester, MN, July 21-24, 2001

Eldridge JC, Lambros A. "Methods for Improving Case-Based Discussions", a workshop at the *International Association of Medical Science Educators*, 5th Annual Meeting, Rochester, MN, July 21-24, 2001

Lambros A, **Eldridge JC**. "Developing Case Materials for Integration into a Multi-Element Curricular Design" a Group on Educational Affairs mini-workshop, *Association of American Medical Colleges*, 112th Annual Meeting, Washington, DC, November 2-7, 2001

Eldridge JC. "Lifelong Learners - Are They Born or Can We Develop Them?" A panel discussion, *AAMC Southern Group on Educational Affairs*, Annual Meeting, Charleston, SC, March 14-17, 2002

Nowacek G, Crandall SJ, **Eldridge JC**. "Model of Assessment of Professionalism in Medical Students", a symposium presentation at *AAMC Southern Group on Educational Affairs*, Annual Meeting, Miami, FL, April 24-26, 2003

LaBarbera AR, Lura TF, Metheny W, **Eldridge JC**, Newton B, Post M, Stein T. "Gender Differences in Biological Functions, Development and Pharmacologic Response", Women's Health Care Competencies Conference, *Association of Professors of Gynecology and Obstetrics*, Chantilly, VA, June 13-15, 2003

Atkinson HH, Else R, Fisher D, Nielson C, Williamson JD, **Eldridge JC**, O'Rourke KS, Ober KP. "Impact of a PBL Intervention on Medical Student Attitudes Toward Older Adults", *Harvard Macy Program for Physician-Educators*, Boston, MA, May 2-7, 2004

Nielson C, Else R, Fisher D, Williamson JD, **Eldridge JC**, O'Rourke KS, Ober KP, Atkinson H. "The Impact of a Problem-Based Learning Intervention on Medical Student Geriatric Knowledge Base", the *American Geriatrics Society*, Annual Scientific Meeting, Orlando, FL, May 11-15, 2005

Nowacek G, Crandall SJ, **Eldridge JC**. "Professionalism Assessment at Wake Forest University", a presentation for a symposium on Model and Measures of Professionalism Assessment of Medical Students: A Multi-Institutional and Longitudinal Study, *American Education Research Association*, Annual Meeting, San Francisco, CA, April 6-10, 2006

Jones NL, Tytell M, Peiffer AM, **Eldridge JC**. "Problem-Based Learning for Ethics: A Graduate Curriculum for Science and Engineering", Ethics Education in Science and Engineering, *National Science Foundation Principal Investigators Meeting*, Arlington, VA, January 8-9, 2007

Kirk JK, Gorney BA, Johnson JC, Smith PB, **Eldridge JC**. "Basic and Clinical Science Problems Course: A Student Evaluation", *AAMC Southern Group on Educational Affairs*, Annual Meeting, Nashville, TN, April 3-5, 2008

Peiffer AM, **Eldridge JC**, Jones NL. "Problem-Based Learning for Teaching Ethics and Professionalism: A Graduate Curriculum for Science and Engineering Students, *First Biennial ORI Conference on Responsible Conduct of Research, Education, Instruction and Training*, St. Louis, MO, April 17-19, 2008

Jones NL, Peiffer AM, Lambros A, Guthold M, Johnson D, Tytell M, **Eldridge JC** and ACEP. "Problem-Based Learning for Teaching Ethics and Professionalism: Can It Be Assessed?" *First Biennial ORI Conference on Responsible Conduct of Research, Education, Instruction and Training*, St. Louis, MO, April 17-19, 2008

Peiffer AM, Jones NL, **Eldridge JC**, Lambros AL, Ronca AG, Johnson AD. "Training Post-Doctoral Fellows to Facilitate Problem-Based Learning Groups for Graduate Training in RCR, Scientific Integrity and Professionalism", *First Biennial ORI Conference on Responsible Conduct of Research, Education, Instruction and Training*, St. Louis, MO, April 17-19, 2008

Peiffer AM, Jones NL, **Eldridge JC**, Lambros AL, Ronca AG, Johnson AD. "Training Post-Doctoral Fellows to Facilitate Problem-Based Learning Groups for Graduate Training in RCR, Scientific Integrity and Professionalism", *National Postdoctoral Association*, 6th Annual Meeting, Boston, MA, April 25-27, 2008

Jones NL, Peiffer AM, Lambros A, Guthold M, Johnson AD, Tytell M, **Eldridge JC**. Developing a problem-based learning (PBL) curriculum for ethics and professionalism training for biomedical graduate students, *Center for Bioethics and Human Dignity*, 15th Annual Conference, Deerfield, IL, July 17-19, 2008.

Jones NL, Peiffer AM, **Eldridge JC**. "Problem-Based Learning for Professionalism and Ethics Training of Biomedical Graduate Students: Assessing the Curriculum", *Center for Bioethics and Human Dignity*, 15th Annual Conference, Deerfield, IL, July 17-19, 2008

Peiffer AM, Tytell M, **Eldridge JC**, Jones NL, and ACEP. "Scientific Integrity and Professionalism Instruction Using Problem-Based Learning." *Society for Neuroscience Annual Meeting*, Washington, DC, November 16-19, 2008.

Tytell M, Peiffer AM, **Eldridge JC**, Jones NL, and ACEP. "Scientific Integrity and Professionalism Instruction Using Problem-Based Learning." *Society of Sigma Xi Annual Meeting*, Washington, DC, November 20-23, 2008

Peiffer AM, **Eldridge JC**, Jones NL. "Moral Reasoning Schemas and Views on Science, Technology and Society in Biomedical Graduate Students and Faculty", *2009 Research Conference on Research Integrity*, Niagara Falls, NY, May 15-17, 2009

Johnson AD, Jones NL, Peiffer AM, Tytell M, **Eldridge JC**. "Teaching Bioethics and Professional Conduct Through Problem-Based Learning". *Association of Biology Laboratory Education*, 31st Annual Meeting, University of Delaware, Newark, DE, June 9-13, 2009

Tytell M, Lack AK, Peiffer AM, **Eldridge JC**. "Ethics and professionalism instruction for graduate students at Wake Forest University School of Medicine after five years' experience. *Society of Sigma Xi*, Annual, Meeting, Raleigh, NC, November 10-13, 2011

Eldridge JC, Lack AK, Peiffer AM, Tytell M. "RCR Curriculum for Graduate Students at Wake Forest: Still Evolving After 5 Years", *Quest for Excellence: the ORI 2012 Conference*, Georgetown University, Washington, DC, March 15-16, 2012

Strandhoy JW, **Eldridge JC**, Howlett AC. "Professional Development of our Future Scientist-Educators", *International Association of Medical Science Educators*, 17th Annual Meeting, St. Andrews, Scotland, U.K., June 8-11, 2013; *Med Sci Educ* 23:701 (2013)

Invited Seminars, Consultations, and Workshops

"Problem-Based Learning", an invited 3-day program of lectures and demonstrations conducted with AL LeMaster at the *New York State College of Veterinary Medicine, Cornell University*, Ithaca, NY, July 10-12, 1990.

"Aspects of a Problem-Based, Case-Based Curriculum", an invited workshop of lectures and demonstrations at the *College of Human Medicine, Michigan State University*, East Lansing, MI, June 11-12, 1991.

"Case-Based, Problem-Based Learning of Basic Sciences", an invited 3-day program of lectures, demonstrations and consultation conducted with MG Camp at the *St. Louis University School of Medicine*, St. Louis, MO, April 24-26, 1992.

"Aspects of a Problem-Based, Case-Based Curriculum", an invited workshop conducted at the *Louisiana State University School of Medicine*, New Orleans, LA, July 23-25, 1992.

"Basic Science Perspectives of the Bowman Gray Parallel Curriculum", an invited seminar at the *University of Kentucky College of Medicine*, Lexington, KY, January 15, 1993

"Aspects of a Problem-Based, Case-Based Curriculum", an invited 1-day workshop and demonstration conducted with FW Celestino and DW Peters at the *East Carolina University School of Medicine*, Greenville, NC, May 7, 1993

"Case-Writing to Emphasize Basic Science", an invited consultation with faculty of the physiology department, *Quillen College of Medicine, East Tennessee State University*, Johnson City, TN, October 4-5, 1993

"The Bowman Gray Parallel Curriculum", an invited 2-day workshop and consultation with FW Celestino at the *Jefferson Medical College, Thomas Jefferson University*, Philadelphia, PA, August 18-19, 1994

“Problem-Based Learning: The Bowman Gray Experience”, an invited 3-day workshop and demonstrations conducted with AL LeMaster at the *College of Veterinary Medicine, Colorado State University*, Ft. Collins, CO, March 13-15, 1996

“Computer Applications in the New Curriculum”, an invited talk to the *Medical Alumni Association Board, Wake Forest University School of Medicine*, Winston-Salem, NC, March 27, 1998

“A Prescription for Excellence: The Physician’s Guide to Life-Long Learning”, an invited talk and demonstration for the *Medical Alumni Association Board, Wake Forest University School of Medicine*, Winston-Salem, NC, April 9, 1999.

“Prescription for Excellence: A Physician’s Pathway to Lifelong Learning”. A presentation to the *Technology Advisory Council, Wake Forest University*, November 18, 1999

“Prescription for Excellence: The New Wake Forest Medical Curriculum”, an invited talk at the *Medical University of South Carolina*, Charleston, SC, October 10, 2000

“Innovations in the Wake Forest University Medical Curriculum” A 2-day workshop with JW Strandhoy for the Teachers Teaching Teachers program at the *School of Medicine, University of Vermont*, Burlington, VT, October 19-20, 2001

“Problem-Based Learning for the Health Professions”, a workshop conducted with A Lambros at the *Graylin International Conference Center, Wake Forest University*, Winston-Salem, NC, October 25-27, 2001

“Future Development and Use of Technology at Wake Forest University”. A panel discussion with R. Mathews and A Cunningham held for the *Technology Advisory Council, Wake Forest University*, January 23, 2002

“Addressing Copyright Laws in the Virtual World”. A panel discussion with MB Fasano and CK Henkel, the [Third Graylin Conference on Technological Innovation in Medical Education](#), *Wake Forest University*, Winston-Salem, NC, May 2-4, 2003

“The Wake Forest Courses on Bioethics and Responsible Conduct of Research”, a presentation to the *Governor’s School of Summer Scholars, Salem College*, Winston-Salem, NC, July 22, 2006

“Small Group Learning in a Curriculum for Health Care Professionals”, a presentation to the *University of Appalachia School of Pharmacy*, Abingdon, VA, August 8-9, 2007

“Wake Forest University Graduate Curriculum in Scientific Professionalism, Integrity and Bioethics”, a presentation to the Research Experience for Engineering Undergraduates program, *North Carolina State University*, Raleigh, NC, July 2, 2008

“Preliminary Assessment Analyses using the Defining Issues Test 2 (DIT-2) and Viewpoints on Science, Society and Technology Surveys (VOSTS)”, a presentation with AM Peiffer and NL Jones for a meeting of principal investigators in the *Ethics Education in Science and Engineering (EESE) program, National Science Foundation*, Arlington, VA, January 8-9, 2009

“Scientific Integrity and Professionalism Instruction Using Problem-Based Learning”, a **Webcast Audio Seminar** in the *Defining the Path of Professionalism in the Curriculum Series*, *International Association of Medical Science Educators*, March 11, 2009

“Scientific Integrity and Professionalism Instruction Using Problem-Based Learning”, a presentation at the Oklahoma Society of Physiologists annual meeting, **Oklahoma State University Center for Health Sciences**, Tulsa, OK, June 26, 2009

“Learning in Context: Developing Case Scenarios for the Preclinical Curriculum”, a **Webcast Audio Seminar Series: Times are Changing: Evolution and Revolution in Medical Education**, *International Association of Medical Science Educators*, September 12, 2013

In addition to the above presentations, I was a principal participant in conducting a workshop on “Problem-Based Learning in the Health Professions”, offered at the **Bowman Gray School of Medicine** annually for 4 years, between 1990 and 1993

CASE MATERIALS FOR SMALL GROUP TUTORIALS **All copyrighted by Wake Forest University Health Sciences**

Cases for Medical Education

- “*Ellen Atkerson, a poorly developing infant*” by RP Schwartz, PB Smith, **JC Eldridge**
“*Brad Banks, a motorcycle injury*” by **JC Eldridge**, FIK Chew
“*Sally Barrett, abnormal stools*”, by MO Lively III, DS Conrad, TA Jewett, **JC Eldridge**
“*L.A. Blackwell, a slowly growing child*”, by JC Eldridge, RP Schwartz
“*Mindy Carter, joint pain*”, by **JC Eldridge**, FIK Chew, KS O'Rourke
“*Ling Chin, a facial mass*”, by SB Kendrick, **JC Eldridge**, AC Lo
“*Jack Craig, shortness of breath*”, by CE Enarson, **JC Eldridge**, JG Spangler
“*Terri DeBakey, nausea, weakness, thirst*”, by **JC Eldridge**, KP Ober
“*Charles Duncan, severe neck pain*”, by **JC Eldridge**, FIK Chew, Ernesto de la Torre
“*Michael Easton, occasional vertigo*”, by CK Henkel, **JC Eldridge**, JS May
“*Charley Erffmeyer, a middle-aged jock*”, by KP Ober, **JC Eldridge**, WE Sonntag
“*Frances Evans, persistent cough and fever*”, by **JC Eldridge**, CK Henkel, CF Ohl
“*Gerald Fitzgerald, acquired immune deficiency*”, by **JC Eldridge**, PS Pegram.
“*Reynaldo Flores, skin eruptions*”, by CK Henkel, LS Kucera, **JC Eldridge**
“*Connie G., a numb and poorly mobile arm*”, by **JC Eldridge**, CE Enarson
“*Tony Genovese, an icteric boy*”, by PB Smith, CE Enarson, **JC Eldridge**
“*Margaret Holland, amenorrhea*”, by PB Smith, **JC Eldridge**
“*Virginia Johnson, acute fever*”, by CA Stanton, JM Cruz, FIK Chew, TE Kute, **JC Eldridge**
“*Ana Gutierrez, a fatigued migrant worker*”, by CE Enarson, CA Stanton, **JC Eldridge**
“*Zebulon Kincaid, crushing substernal chest pain*”, by **JC Eldridge**, PB Smith
“*Bruno Kowalsky, a wrestler with muscle weakness*”, by **JC Eldridge**, JB Caress
“*June Martin, vaginal hemorrhage*”, by **JC Eldridge**, CE Enarson, LE Nelson III
“*Josh McIntyre, headaches and fever*”, by **JC Eldridge**, WE Sonntag, SH Richardson
“*Juan Moreno, an infant with a thick, productive cough*”, by **JC Eldridge**, MS Schechter
“*Colleen Nodding, a neck nodule*”, by **JC Eldridge**, CE Enarson, FIK Chew
“*Aliena Pazerunas, a post-partum woman*”, by **JC Eldridge**, KP Ober, WE Sonntag
“*Jane Pillsbury, an obese young woman*”, by CA Stanton, **JC Eldridge**
“*Willard Robinson, a distracted boy*”, by **JC Eldridge**, FIK Chew

"Ken Rockland, pain in flank region", by CE Enarson, **JC Eldridge**, FIK Chew
"Roberta Silverman, a woman with a lump in her breast", by TE Kute, **JC Eldridge**
"Bill Stephenson, a confused and febrile paraplegic", by PB Smith, **JC Eldridge**
"William Stolfus, an infant with fever", by CA Stanton, CE Enarson, **JC Eldridge**
"The Stricklands, a problem with infertility", by **JC Eldridge**
"Robert Taylor, gastric pain", by CE Enarson, **JC Eldridge**, JG Spangler,
"Marcus Tillman, an elderly man with malaise", by JE Peacock, DJ Wozniak, **JC Eldridge**
"Jane Tumlin, chest pain", by **JC Eldridge**, WE Sonntag, KP Ober
"Alicia Warner, fatigue and lethargy", by KP Ober, WE Sonntag, **JC Eldridge**
"Gerald Young", a boy w headache & lethargy", by RJ Sheretz, DJ Wozniak, **JC Eldridge**
"Linda Zoran, epigastric and chest pain", by DS Hill, **JC Eldridge**

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Cases used by the WFU graduate school biomedical curriculum in Bioethics and Responsible Conduct of Research

"A Fine Mess", by NL Jones, K Richardson, **JC Eldridge**
"And the Band Played On", by M Tytell, NL Jones, **JC Eldridge**
"Confidentiality and Collegiality", by NL Jones, **JC Eldridge**
"Conscientious Objectors", by NL Jones, **JC Eldridge**
"It Cuts Both Ways", by AD Johnson, NL Jones, **JC Eldridge**
"Mentors and Money", by J Graves, **JC Eldridge**
"Numbers Game", by **JC Eldridge**
"Patent Pending", by M Guthold, NL Jones, M Tytell, **JC Eldridge**
"People, Places, Things", by NL Jones, **JC Eldridge**
"Phantom Bands", by **JC Eldridge**
"Reviewing the Literature", by M Tytell, NL Jones, **JC Eldridge**
"Team Work", by NL Jones, AD Johnson, **JC Eldridge**
"Whose Turn Is It?", NL Jones, **JC Eldridge**