

Judi Lindsley Nath, Ph.D.

Judi@JudiNath.com

www.JudiNath.com

Education

- 2000 Ph.D. The University of Toledo
1990 M.Ed. Bowling Green State University
1989 B.S. Bowling Green State University and University of Salzburg (Austria)

Ancillary Education

Institutions for additional credit-bearing coursework
Lourdes College (1995-1996)
Mohawk Valley Community College (2006)
University of Washington (2008)

Qualified Teaching Areas

- Anatomy and Physiology
- Basic Pharmacology
- Cadaver Dissection
- German
- Medical Terminology
- Nutrition
- Pathophysiology

Work Experience

<u>Date</u>	<u>Place</u>
January 2021-Present	Penn State University , University Park, Pennsylvania <i>Teaching Professor</i> Courses taught include: BIOL 472 Mammalian Physiology
January 1992-2020	Lourdes University , Sylvania, Ohio <i>Professor & Writer-in-Residence</i> Courses taught include: BIO 201 Principles of Biology I BIO 202 Principles of Biology II BIO 204 Basic Human Anatomy and Physiology BIO 212 Nutrition BIO 301 Genetics BIO 306 Vertebrate Zoology BIO 313 Nutrition Science BIO 330 Anatomy and Physiology I (lecture and lab) BIO 331 Anatomy and Physiology II (lecture and lab) BIO 335 General Microbiology (lecture and lab) BIO 340 Pathophysiology BIO 410 Biology Seminar BIO 499 Human Cadaver Dissection CHM 311 Biochemical Pharmacology NUR 613 Advanced Anatomy and Physiology/Pathophysiology I NUR 614 Advanced Anatomy and Physiology/Pathophysiology II

First Year Experience Committee Chair (2010-2011)

Worked with the Gardner Institute to establish a First-Year Experience course for undergraduate students.

Director of Cadaver Lab (2008-2009)

Developed a cadaver-based course and designed and implemented a cadaver lab for undergraduate anatomy and physiology courses. Worked with physicians to schedule and perform cadaver-based surgeries for my nursing students. Gave weekly tutorials to medical students.

Department Chair (2001–2003)

Duties included scheduling courses, hiring full-and part-time instructors, developing yearly budgets, and managing the daily activities of the biology department

August 1997–May 2009

Sandusky Campus of Lourdes College, Sandusky, Ohio

On the site of Firelands Regional Medical Center School of Nursing, formerly known as Providence Hospital School of Nursing

Professor

Courses taught include:

BIO 204 Basic Human Anatomy and Physiology

BIO 330 Anatomy and Physiology I

BIO 331 Anatomy and Physiology II

BIO 335 General Microbiology

BIO 313 Nutrition Science

CHM 311 Biochemical Pharmacology

- Also gave monthly cadaver-based lectures and presentations to medical students and physicians at the hospital.

July 2000–August 2000

Bowling Green State University Firelands College, Huron, Ohio*Instructor*

Responsibilities included the preparation and teaching of BIO 331 Human Anatomy and Physiology II

July 1991–May 2009

JAL Translating, Sandusky, Ohio*Translator*

Worked independently translating German documents and manuals for corporations in Northwest Ohio

January 1991–June 1991

Sylvania City Schools, Sylvania, Ohio*Teacher*

Prepared and taught all levels of high school German language classes

Professional Affiliations

Date	Organization
2004–Present	American Association of Anatomy
2018–Present	American Association for the Advancement of Science
2019–Present	American Association of Clinical Anatomists
2020–Present	Authors Guild
1994–Present	Human Anatomy and Physiology Society
	Book Club (2020–Present)
	Cadaver Use Committee (2001–2003)
	Central Region Director (2007–2009)
	Curriculum & Instruction Committee (2006–2009)
	Executive Director Search Committee (2009)
	Foundation Oversight Committee (2009–2012; chair 2009–2010)
	Membership Committee (2020–2021; chair)
	Nominating Committee (2021–2022; chair 2017–2018; 2009–2010; 2004–2005)
	Past President (2019–2020)
	President (2018–2019)
	President-Elect (2017–2018)
	Presidents Emeriti Advisory Committee (2020–2021; chair)
	Secretary (1999–2001)
	Steering Committee (2009–2010; 2017–2021)
1997–2015	National Association of Biology Teachers
1995–2015	National Science Teachers Association
1993–Present	Science Alliance for Valuing the Environment
1995–2005	Society for College Science Teachers
2008–Present	Text and Academic Authors Association

Civic Engagement

Date	Organization
2022–Present	100+ Women Who Care
2022–Present	America Cares For Ukrainian Children, Director
2021–Present	College Women’s Club
2021–Present	Democratic Women of Erie County
2022–Present	Jim Obergefell for Ohio, Treasurer
2021–Present	National Association for the Advancement of Colored People (NAACP)
2022–Present	Sandusky Democratic Club

Professional Activity

Date	Presentations
May 29, 2022	Presented <i>What Facts Should I Believe? Linking Anatomy & Physiology with Science & Society</i> Human Anatomy & Physiology Society 36 th Annual Conference Fort Lauderdale, Florida
April 2, 2022	Presented <i>Sins Against Science: How Misinformation Affects Our Lives and Laws</i> Media Literacy + Digital Citizenship for Educators Hosted by Intellect U Well and the News Literacy Project Virtual Conference
May 26, 2021	Presented <i>Teaching A&P in a Post-Pandemic World</i> Human Anatomy & Physiology Society 35 th Annual Conference Virtual Conference held May 23-26, 2021
November 7, 2020	Presented <i>Talking About Science, Pseudoscience, and Changing Minds During a Pandemic</i> Human Anatomy & Physiology Society Virtual Regional Meeting Hosted by Mohawk Valley Community College, Utica, New York
November 11, 2016	Presented <i>Metacognition, Cognitive Science, and Using your Textbook Effectively</i> BIOanza! Houston Community College Houston, Texas
May 22, 2016	Presented <i>More Than You Bargained for:</i> <i>RAAS and the Transcending Role of ACE Inhibitors</i> Human Anatomy & Physiology Society 30 th Annual Conference Atlanta, Georgia
June 12, 2014	Presented <i>Getting to Know Your Textbook</i> North Dakota State University Fargo, North Dakota
October 17-18, 2014	Presented <i>How to Turn Today's Challenges into Tomorrow's Successes: Teaching Science in 2014</i> Human Anatomy & Physiology Society Central Regional Meeting Apple Valley, Minnesota
October 18, 2013	Presented <i>How to Turn Today's Challenges into Tomorrow's Successes: Teaching Science in 2013</i> Teacher-to-Teacher Science Event University of Houston Houston, Texas

- June 10, 2011 Presented *Thinking Outside the Box: An Introduction to the Visual Format*
Roane State Community College
Knoxville, Tennessee
- May 26-June 2, 2011 Presented *Thinking Outside the Box: An Introduction to the Visual Format*
Human Anatomy & Physiology Society 25th Annual Conference
Camosun College
Victoria, British Columbia
- March 26, 2011 Presented *Thinking Outside the Box: An Introduction to the Visual Format*
Teaching with Technology
Pearson Education Corporate Office
Boston, Massachusetts
- January 27-29, 2011 Presented *Visual Presentation of Scientific Information*
Texas Community College Teachers Association
San Antonio, Texas
- January 20-23, 2011 Presented *Visual Presentation of Scientific Information*
Human Anatomy & Physiology Society Southeast Regional Conference
State College of Florida Manatee-Sarasota
Sarasota, Florida
- April 4, 2009 Presented *Successful Strategies for Teaching Undergraduate A&P*
The Ohio State University
Columbus, Ohio
- November 1, 2008 Presented *Successful Strategies for Teaching Undergraduate A&P*
University of Kentucky
Lexington, Kentucky
- April 26, 2008 Presented *Using Interactive PowerPoint and Other Tips & Tricks to Teach A&P*
Canada Strategies for Success Workshop
Toronto, Ontario, Canada
- April 5, 2008 Presented *Tips and Tricks of the A&P Trade*
Strategies for Success Science Workshop
Georgia Perimeter College, Clarkston Campus
Clarkston, Georgia
- February 1, 2008 Presented *Using PowerPoint and other Tips & Tricks to Engage your Anatomy and Physiology Students*
Pearson Science Education Workshop
Houston Museum of Natural Science
Houston, Texas

- January 2-10, 2008 Presented *Fundamentals of Anatomy & Physiology, 8th Edition*
Pearson National Sales Meeting
San Francisco, California
- March 31, 2007 Presented *See It, Hear It, Say It, Read It, Write It, Learn It: Using Interactive PowerPoint to Teach A&P – or Anything*
Strategies for Success Conference
Massachusetts Bay Community College
Boston, Massachusetts
- May 14-18, 2006 Presenter and Participant for *Experience in Human Cadaver Dissection*
Mohawk Valley Community College
Utica, New York,
- November 2005 Presented *Student Retention Through Online Learning Styles Assessment Implementation and Lesson Plan Application*
The California Association of Private Postsecondary Schools 21st Annual Conference
San Diego, California
- October 2005 Presented *Pass the Word – Read!*
Adult Literacy Program
Sandusky Library, Sandusky, Ohio
- August 4, 2005 Presented *Using Medical Terminology: A Practical Approach*
Lippincott, Williams & Wilkins Summer Sales Meeting
Alexandria, Virginia
- February 2001 Presented *Theories of Aging*
Medical College of Ohio
Toledo, Ohio
- February 2001 Presented *Age-Related Physiological Changes*
Medical College of Ohio
Toledo, Ohio

Professional Service

Date	Service
May 15, 2009	Firelands Regional Medical Center School of Nursing 92 nd Commencement Exercises
-	Commencement Speaker: <i>Anatomy for Life</i> Sandusky, Ohio
May 13-14, 2003	Intel International Science and Engineering Fair Grand Awards Judge Cleveland, Ohio

Grants

- 2012 National Science Foundation. The iSCORES Project: Integrating Scientific Content with Online Research and Evaluation Skills. The grant focuses on developing and studying resources, models, and tools to support all students in science, technology, engineering, and mathematical (STEM) learning.
- 2006 Ohio Osteopathic Foundation Sandusky Memorial Hospital Guild. Funding to build an anatomy lab at Firelands Regional Medical Center School of Nursing/Sandusky Site of Lourdes College. Co-author, James Preston, D.O. Funding of \$23,607.
- 2001 Science Education for New Civic Engagements & Responsibilities (SENCER). SENCER is a new initiative of the Association of American Colleges and Universities supported by the National Science Foundation whose purpose is curricular reform through an intensive, multi-dimensional, national dissemination program for undergraduate science education. Funding of \$20,000.

Publications

Books

Nath, J. (2023). *Applied Pathophysiology: A Conceptual Approach*. Philadelphia: Wolters Kluwer. (Forthcoming, February 2022)

Nath, J. (2022). *Sins Against Science: How Misinformation Affects our Lives and Laws*. Jefferson: McFarland & Company.

Nath, J. (2021). *Digesting Food and Fads*. Jefferson: Toplight.

Nath, J.L. and Lindsley, K.P. (2019). *A Short Course in Medical Terminology* (4th edition). Burlington: Jones & Bartlett Learning.

Nath, J.L. (2019). *Programmed Learning Approach to Medical Terminology* (3rd edition). Burlington: Jones & Bartlett Learning.

Nath, J.L. and Lindsley, K.P. (2019). *A Short Course in Medical Terminology* (4th edition). Philadelphia: Wolters Kluwer.

Nath, J.L. (2019). *Programmed Learning Approach to Medical Terminology* (3rd edition). Philadelphia: Wolters Kluwer.

Martini, F., **Nath, J.** & Bartholomew E. (2018). *Fundamentals of Anatomy & Physiology* (11th edition). New York: Pearson Education, Inc.

Martini, F., Ober, W., **Nath, J.**, Bartholomew, E., & Petti, K. (2018). *Visual Anatomy & Physiology* (3rd edition). New York: Pearson.

Martini, F., Tallitsch, R., & **Nath, J.** (2018). *Human Anatomy* (9th edition). Glenview, IL: Pearson.

Martini, F. H., Tallitsch, R. B., & **Nath, J. L.** (2017). *Anatomía humana*. Madrid: Pearson.

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Nath, J. (2016). *Medical Terminology* (Enhanced 2nd edition). Burlington: Jones & Bartlett Learning.

Martini, F., Ober, W., **Nath, J.**, Bartholomew, E., Petti, K., & Carpino, G. (2016). *Visual anatomia e fisiologia* (I/2016 edizione). Edises.

Nath, J. (2016). *Stedman's Medical Terminology* (2nd edition). Baltimore: Wolters Kluwer.

Martini, F. H., Ober, W. C., Bartholomew, E. F., & **Nath, J. L.** (2014). *Anatomia e Fisiologia Humana. Uma Abordagem Visual*. Pearson.

Nath, J. (2013). *Using Medical Terminology* (2nd edition) with Navigate 2 TestPrep. Burlington: Jones & Bartlett Learning

Nath, J. (2013). *Using Medical Terminology* (2nd edition). Baltimore: Lippincott, Williams, & Wilkins.

Martini, F., Ober, W., Bartholomew, E., & **Nath, J.** (2013). *Visual Essentials of Anatomy & Physiology*. San Francisco: Pearson.

Martini, F., **Nath, J.** & Bartholomew E. (2012). *Fundamentals of Anatomy & Physiology* (9th edition). San Francisco: Pearson Benjamin Cummings.

Martini, F., **Nath, J.** & Bartholomew E. (2012). *Fundamentals of Anatomy & Physiology* (9th edition). International Edition, San Francisco: Pearson Benjamin Cummings.

Martini, F., Ober, W., & **Nath, J.** (2011). *Visual Anatomy & Physiology*. San Francisco: Pearson Benjamin Cummings.

Martini, F., Ober, W., & **Nath, J.** (2011). *Visual Anatomy & Physiology*, International Edition San Francisco: Pearson Benjamin Cummings.

Martini, F. & **Nath, J.** (2010). *Fondamenti di Anatomia e Fisiologia* (Terza Edizione). San Francisco: Pearson Benjamin Cummings.

Martini, F. & **Nath, J.** (2010). *Anatomy & Physiology* (2nd edition). San Francisco: Pearson Benjamin Cummings.

Martini, F. & **Nath, J.** (2009). *Fundamentals of Anatomy & Physiology* (8th edition). San Francisco: Pearson Benjamin Cummings.

Martini, F. & **Nath, J.** (2009). *Fundamentals of Anatomy & Physiology* (8th edition), International Edition. San Francisco: Pearson Benjamin Cummings.

Nath, J. (2006). *Using Medical Terminology: A Practical Approach*. Baltimore: Lippincott, Williams, & Wilkins.

Test Banks

Reynolds, J., Whelan T., Wood M.G. & **Nath, J.** (2015). *Test Bank for Fundamentals of Anatomy & Physiology*, (10th edition). San Francisco: Pearson Benjamin Cummings.

Wood, M., Magid, A., & **Nath, J.** (2012). *Test Bank for Fundamentals of Anatomy & Physiology*, (9th edition). San Francisco: Pearson Benjamin Cummings.

Magid, A., **Nath, J.** & Wood, M. (2009). *Test Bank for Fundamentals of Anatomy & Physiology*, (8th edition). San Francisco: Pearson Benjamin Cummings.

Nath, J., & Wood, M.J. (2006). *Test Bank for Fundamentals of Anatomy & Physiology*, (7th edition). San Francisco: Pearson Benjamin Cummings.

Nath, J. (2003). *Test Item File for Essentials of Anatomy & Physiology*, (3rd edition). Upper Saddle River: Prentice Hall, Inc.

Lindsley, J. (2000). *Test Item File for Essentials of Anatomy & Physiology*, (2nd edition). Upper Saddle River: Prentice Hall, Inc.

Published PowerPoint Presentations

Nath, J. (2001). PowerPoint Instructor Ancillary and Student Supplement for *Fundamentals of Anatomy & Physiology*, (5th edition) by Martini, F.H. Upper Saddle River: Prentice Hall, Inc.

Book Reviews

Nath, J. 2017. Reviewed and provided analysis of *The Art of Teaching A&P: Six Easy Lessons to Improve Student Learning* by Garrett, L.K. New York: Pearson Education

Nath, J. 2006. Reviewed and provided technical analysis of *Fundamentals of Anatomy & Physiology*, (7th edition) by Martini, F.H. San Francisco: Pearson/Benjamin Cummings.

Nath, J. 2006. Reviewed *Principles of Anatomy and Physiology*, (11th edition) by Gerard J. Tortora & Bryan Derrickson. Hoboken, New Jersey: John Wiley & Sons, Inc.

Nath, J. 2005. Reviewed *Anatomy & Physiology*, Martini, F.H. San Francisco: Pearson/Benjamin Cummings.

Nath, J. 2004. Reviewed *Fundamentals of Anatomy & Physiology*, (6th edition) by Martini, F. H. San Francisco: Pearson Education, Inc., as Benjamin Cummings.

Nath, J.L. 2003. Reviewed *Human Anatomy*, (4th edition) by Martini, F.H., Timmons, M.J., & Tallitsch, R.B. Upper Saddle River: Prentice Hall, Inc.

Nath, J.L. 2000. Reviewed *Human Anatomy*, (3rd edition) by Martini, F., Timmons, M., & McKinley, M. Upper Saddle River: Prentice Hall, Inc.

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Lindsley, J.A. 2000. Reviewed *Essentials of Anatomy & Physiology*, (2nd edition) by Martini, F., & Bartholomew, E. Upper Saddle River: Prentice Hall, Inc.

Lindsley, J.A. 2000. Reviewed *The Human Body in Health and Disease*, by Martini, F.H., Bartholomew, E.F., & Welch, K. Upper Saddle River: Prentice Hall, Inc.

Lindsley, J.A. 1999. Reviewed and served on the team for revisions of *Structure & Function of the Human Body*, by Martini, F., & Bartholomew, E. Upper Saddle River: Prentice Hall, Inc.

Lindsley, J.A. 1998. Reviewed the test bank accompanying *Essentials of Anatomy & Physiology* by Martini, F., & Bartholomew, E. and provided critiques of questions. Upper Saddle River: Prentice Hall, Inc.

Lindsley, J.A. 1998. Reviewed *Essentials of Anatomy & Physiology* by Martini, F., & Bartholomew, E. and wrote a comparative analysis of the text. Upper Saddle River: Prentice Hall, Inc.

Lindsley, J.A. 1998. Reviewed a test item bank for an anatomy and physiology text and wrote justifications for correct answers and rationales for incorrect distracters. Upper Saddle River: Prentice Hall, Inc.

Lab

Nath, J. 2005. "The Effect of Temperature and Solution Concentration on the Rate and Process of Diffusion" in *Laboratory Manual for Physiology*. Edited by Silverthorn, D., Johnson, B., & Mills, A. San Francisco: Pearson Education, Inc., publishing as Benjamin Cummings.

Chapter

Lindsley, J.A. 1997. "Possible 110 Percent Scores, Open-Book Option Halfway Through Exam, Make-up Exams" in: *The Hidden Curriculum: Faculty-Made Tests in Science, Part 2, Upper-Division Courses*, by Tobias, S., & Raphael, J. New York: Plenum Press.

Articles

Yonker, R.J., **Lindsley, J.A.**, Siebenaler, K.L., Landis, J.A., and Kerr, N.M. 1990. *Anabolic-Androgenic Steroids: Knowledge About, Attitude Toward, and Extent of Use by High School Students*. Educational Resources Information Center (ERIC)

Lindsley, J.A. 2001. *A Case Study Examining the Temporal-Spatial Clustering of Polymyositis-Dermatomyositis in a Northwestern Ohio City in HAPS Educator*, Volume 5, No. 2, pages 6-7.

- Full-Time Faculty Award Recipient
2013, 2009, 1997

- Full-Time Faculty Award Nominee
2013, 2012, 2009, 2007, 2006, 2005, 2003, 2002, 1997, 1996, 1995, 1994, 1993

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Awards and Recognitions

Human Anatomy & Physiology Society (HAPS) 2021 President's Medal

- 2021 Award Recipient

Lourdes University Faculty Excellence Award

- Full-Time Faculty Award Finalist
Spring 1993
- Part-Time Faculty Award Nominee
Spring 1992

Recognitions

- Ohio Magazine's Excellence in Education 2013 Memorable Educators
December 2013
- Outstanding Undergraduate Science Teacher Award Nominee
Society for College Science Teachers
Summer 2008
- Bowling Green State University Accomplished Graduate Award Nominee
August 2008

Certifications and Licenses

- Certified Health Education Specialist (CHES)
- Life Course; Hospice Volunteer
- Laubach Literacy Action; Literacy Tutor
- State of Ohio Department of Education Teaching Licenses
K-12 German
7-12 Biological Science

Interests and Hobbies

Tap dancing, piano playing, and bicycling