

Gregory R. Smith Ph. D.

Chase Science Center Rm.111
smithgr@lakeland.edu
(920) 565-1000 ext. 2338

N5301 Meadowlark Rd.
Sheboygan Falls, WI 53085
(920) 467-1322

EDUCATION AND TRAINING:

<u>Institution</u>	<u>Degree/Position</u>	<u>Years of Study</u>	<u>Field of Study</u>
Lakeland College	Assoc. Professor	2003-present	Biology
Univ. of Wisconsin-Whitewater	Lecturer	2002-2003	General Bio/Genetics
Univ. of Wisconsin-Madison	Post-doctoral	2001-2002	Biochemistry
University of Oregon	Ph. D.	1994-2001	Molecular Genetics
Carleton College	B.S.	1990-1994	Biology

TEACHING EXPERIENCE:

2003-present Assistant (2003-2009) and Associate (2009-present) Professor of Biology at Lakeland College. Courses taught:

Life Sciences I (w/ lab)	Life Sciences II (w/ lab)
Environmental Science (w/ lab)	Genetics (w/ lab)
Biochemistry of the Cell	Immunology
Microbiology (w/ lab)	Bioinformatics
Scientific Analysis and Writing I	Scientific Analysis and Writing II
Belize Tropical Ecology (travel course)	Special Topics: DNA Lab
Introduction to Biology (w/ lab)	COREI: Knowing the Self
COREIII: Environment and Consumption	

2002-2003 Lecturer at UW-Whitewater. Courses taught:

General Biology (non-majors) (w/ lab)	Genetics (w/ lab)
Botany lab	

2000 Participation in "Teaching College Science", a discussion course focusing on traditional and alternative means of undergraduate science education

1995-2001 Supervision of graduate rotation students and undergraduate research associates in the lab of Dr. George F. Sprague, Jr.

1994-1995 Teaching assistant for the introductory biology series at the University of Oregon. Duties included running two laboratory sections and holding office hours

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RESEARCH EXPERIENCE:

- 2003-present Collaborative Research with Undergraduates, Lakeland College. Topics of Investigation: A) Protein Aggregation and Prion Formation in Yeast
B) Tardigrade Ecology, Genetics, and Cellular Structure
- 2005 First Recipient of the Lakeland Faculty-Student Research Grant: \$10,000
- 2002-2003 Individual Research, Department of Biological Science, University of Wisconsin-Whitewater
- 2001-2002 Postdoctoral Fellow, Department of Biomolecular Chemistry, Univ. of Wisconsin-Madison, Advisor: Catherine A. Fox Ph. D.
- 1994-2001 Graduate Research Associate, Institute of Molecular Biology, University of Oregon, Advisor: George F. Sprague, Jr. Ph. D.
- 1993-1994 Undergraduate Research Associate, Department of Biology, Carleton College, Advisor: Gerry Hill Ph. D.

RESEARCH INTERNS: (29 total)

- Adam Westcott – 2005. High school science teacher, Sheboygan South High School
- Christopher Stein – 2005. Food Scientist, Kerry Foods, Beloit, WI
- Tristan Lubinski – 2005. Ph.D. in Bioinformatics, Boston University
- Rachel Chizek – 2006. Medical Lab Technician – Wisconsin State Lab of Hygiene
- Doug Mogensen – 2006. M.S. in Biotechnology (UW Madison). Research Associate – pharmaceutical analytical chemist, PPD Inc., Middleton, WI
- Juxiang Huang – 2006. Doctor of Osteopathic Medicine (Midwestern University – Phoenix, AZ). Medical Resident, Tucson, AZ
- Kasey Peschke Williams – 2006. Working in an adult group home.
- Whitney Helbach – 2007. Pharmaceutical Technician, Walgreens, Sheboygan
- Dominique Olds – 2007. Ph.D. Program in Microbiology, Ohio State University
- Kasey Gussert – 2007. Pharm.D., University of Wisconsin – Madison; Residency at VA Hospital, Milwaukee, WI
- Ben Kosewski – 2008. M.S. in Genetic Counseling (Univ of Arkansas). Genetic Counselor, Bellin Health, Green Bay, WI
- Jenna Waite – 2008. Medical Scribe, applying to Physician's Assistant programs
- Ray Tetzloff – 2009. Director of Operation, Steadfast Networks, Chicago
- Sarah Neuman – 2010. Ph.D. Program in Molecular Biology, UW-Madison
- Sean Johnson – 2010. Ph.D. Program in Molecular Biology, Washington University
- Brent Blahnik – 2011. Microbiology Lab Technician, Johnsonville Sausage, WI
- Ryan McPhee – 2011. Graduated May 2012.
- Katherine Matichek – 2011. Graduating May 2015.
- William Mueller – 2012. Graduated May 2013.

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Joshua Hakala – 2012. Ph.D. Program in Biology, Marquette University

Timothy Green – 2013. M.S. Program in Microbiology, Univ. of Wisconsin – LaCrosse

Theresa Wallner – 2013. CNA at a nursing home. Applying to Physicians Assistant Programs

Mizuki Kato – 2013. Graduating May 2015

Brittany Kopp – 2014. Graduating May 2015

Emma Kazmierski – 2014. Graduating May 2015

Nwachan Ayoko Nda – 2014. Graduating May 2015

Brandon Lee – 2014. Graduating May 2015

Paul Elzinga – 2014. Graduating May 2015

Vanessa Popp – 2014. Graduating December 2015

INSTITUTIONAL COMMITTEES:

Program Development Committee: 2014 – present

Participation: Design new program review process, criteria, and schedule

Graduation Committee: 2009 – present

Participation: Plan all aspects of graduation weekend

Fine Arts Committee: 2012 – 2014

Participation: Helped select Fine Arts campus events

Off Campus Curriculum Committee: 2012 – 2014

Participation: Reviewed curricular changes for EWO programs

Assessment Committee: 2008 –2012

Participation: Working to streamline assessment procedures

Professional Standards Committee: 2007 –2008

Participation: Helped revise Faculty Handbook

Outreach Committee: 2006 –2007

Participation: Coordinated the creation of the Experts and Speakers Database

Athletic Committee: 2003 –2006; Recorder: 2003 –2004; Chair: 2005 –2006

Participation: Fostered faculty and staff attendance at Lakeland sporting events

TASK FORCES:

NCA Criterion Four Task Force Chair: 2014 – present

Participation: Chair and lead writer of the accreditation report chapter related to the evaluation and assessment of teaching and learning.

Strategic Planning Task Force: 2012 – 2014

Participation: Revised the college's mission statement and values statement.
Helped develop a strategic plan.

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Course Evaluation Task Force: 2011 – 2012

Participation: Helped develop and implement a universal, standardized course evaluation form with quantitative and qualitative components.

NCA Criterion Two Task Force Member: 2008

Participation: Helped research, write, and edit a portion of the NCA accreditation report

General Studies Study Abroad Task Force: 2007 – 2008

Participation: Explored the possible inclusion of travel courses among possible courses to fulfill the Cross-cultural Studies distributional requirement

First Year Experience Task Force: 2006 – 2007

Participation: Investigated ways to help first year students adjust to college

Faculty Research Task Force: 2004 – 2005

Participation: Developed criteria for awarding the Faculty-Student Research Grant

SEARCH COMMITTEES:

Committee member for Exercise Science Faculty Search: 2014

Committee member for Biochemistry Faculty Search: 2013 – 2014

Committee member for Band Director Search: 2013

Presidential Search Committee Faculty Representative: 2010 – 2011

Committee member for Aviation Faculty Search: 2011

Committee member for Exercise Science Faculty Search: 2008

Committee member for Assistant Librarian Search: 2008

Committee chair for Biology Faculty Search: 2006

Committee member for Math Faculty Search: 2005

INSTITUTIONAL AND COMMUNITY SERVICE:

Director of Lakeland Undergraduate Research Experiences (LURE) Program: 2004 – present

Biology Assessment Coordinator: 2004 – present

Faculty Commencement Marshal: May 2013 – present

Assistant to the Faculty Commencement Marshal: 2009 – May 2012

Coordinator and Advisor for the pre-nursing program: 2012 – present

Co-authored Research Proposal to Pentair Inc. Foundation: Awarded \$15,000 grant
2007

Primary Author of Curricular Revisions: Biology Major, 2005 – 2006

Presidential Inauguration Steering Committee and Installation Subcommittee Chair: 2012

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Association of College & University Biology Educators (ACUBE) Meetings:

- October 2014, University of Portland, Portland, OR
- October 2013, Indiana University Purdue University Indianapolis, IN
- October 2012, Lakeland College, Sheboygan, WI
- October 2011, Lincoln Memorial University, Harrogate, TN
- October 2010, Lourdes University, Sylvania, OH
- October 2009, Rockhurst University, Kansas City, MO
- October 2008, Hopkinsville Community College, Hopkinsville, KY
- October 2007, Loras College, Dubuque, IA
- October 2006, Millikin University, Decatur, IL

PUBLICATIONS AND PRESENTATIONS:

“Promotion and Tenure” Annual meeting of the Association of College and University Biology Educators. 2014

“Designing a capstone biology course with breadth and depth.” Annual meeting of the Association of College and University Biology Educators. 2011

“Integration of undergraduate research in a tropical biology travel course.” Annual meeting of the Association of College and University Biology Educators. 2010

“Preparing for Tenure.” Annual meeting of the Association of College and University Biology Educators. 2009

“Modular Curriculum for Introductory Genetics Laboratory Course Using *Saccharomyces cerevisiae* as a Model Organism.” Annual meeting of the Association of College and University Biology Educators. 2008.

Smith, G. R., Givan, S. A., Cullen, P. and G. F. Sprague, Jr. (2002) GTPase-Activating Proteins for Cdc42. *Eukaryotic Cell* 1:469-480.