

**CURRICULUM VITAE OF DR. ANN ZEEH**  
**PROFESSOR, PHYSICAL AND BIOLOGICAL SCIENCES**  
**THE COLLEGE OF SAINT ROSE**  
**ALBANY, NY 12203 (518) 458-5307**  
**email: zeeha@strose.edu**

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## EDUCATION

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1989	Ph.D. Molecular Biology, University at Albany, Albany, New York
1983	B.S. Biology, Clarkson University, Potsdam, New York

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## ACADEMIC EXPERIENCE

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2017 -	Co-Chair, Department of Physical and Biological Sciences The College of Saint Rose, Albany, New York
2016 -	Professor of Biology The College of Saint Rose, Albany, New York
2005 - 2015	Chair, Department of Physical and Biological Sciences The College of Saint Rose, Albany, New York
1999 - 2016	Associate Professor of Biology The College of Saint Rose, Albany, New York
1993 - 1999	Assistant Professor of Biology The College of Saint Rose, Albany, New York
1991 - 1992	Assistant Professor of Biology SUNY Fredonia, Fredonia, New York
1989 - 1991	Visiting Assistant Professor of Biology Skidmore College, Saratoga Springs, New York
1987 - 1989	Research Assistant in Molecular Biology SUNY Albany, Albany, New York
1986 - 1987	Teaching Assistant in Biology SUNY Albany, Albany, New York
1983 - 1986	Pre-doctoral Fellow in Recombinant DNA and Biochemistry SUNY Albany, Albany, New York

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## GRANTS AND AWARDS

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2004	Thomas A. Manion Distinguished Faculty Award The College of Saint Rose
1997 - 1998	Faculty Mentor, American Society for Microbiology Undergraduate Research Fellowship Award, \$3930 Project: Engineering of an expression vector for the bacteriophage T4 <i>nrdD</i> Gene in <i>Escherichia coli</i>
1996 - 1997	Faculty Mentor, American Society for Microbiology Undergraduate Research Fellowship Award, \$3675 Project: Construction of a recombinant plasmid carrying an intronless bacteriophage T4 <i>nrdD</i> gene
1996	Who's Who Among America's Teachers

## GRANTS AND AWARDS (CONT'D)

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- 1993 - 1997 Principal Investigator, National Science Foundation Award, \$116,538. Project: In vitro mutagenesis of a bacteriophage self-splicing intron
- 1992 Faculty Associate, National Science Foundation Award, REU Summer Program in Ecology (Principal Investigator, Janet Lanza, SUNY Fredonia)
- 1991 Scholarly Incentive Award, SUNY Fredonia, \$970
- 1991 - 1992 Co-Principal Investigator, National Science Foundation Undergraduate Instrumentation Lab Improvement Grant, \$ 11,735  
Project: Gene technology equipment for improvement of lab exercises
- 1983 - 1986 U.S. Army Research Office Pre-doctoral Fellowship for the Study of Recombinant Techniques in Biochemistry

## PUBLICATIONS AND ABSTRACTS

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- Zeeh, A. and Quell, A. 2015. A sweet dive into the gene pool: an easy look at p and q. *American Biology Teacher*. **77**(2):135-139.
- Zeeh, A. 2013. Why do I need to know this stuff? *Gene Watch*. **26**(3):26-27.
- Chura\*, L. and Zeeh, A. 2002. Agrobacterial transformation and transfer of an antifreeze protein gene from the pyrochroid beetle *Dendroides canadensis* to enhance cold tolerance in *Arabidopsis thaliana*. Society for In Vitro Biology Congress, Orlando FL. (\*denotes high school student author)
- Spencer#, G. and Zeeh, A. 1998. Engineering of an expression vector for the bacteriophage T4 *nrdD* gene in *Escherichia coli*. American Society for Microbiology Annual Meeting, Atlanta, GA, p. 291. (# denotes undergraduate author)
- Hickey#, M. and Zeeh, A. 1997. Construction of a recombinant plasmid carrying an intronless bacteriophage T4 *nrdD* gene. American Society for Microbiology Annual Meeting, Miami, FL, p. 287. (# denotes undergraduate author)
- Gomez#, S., Gorman#, T., Phillips#, J., Rozhavskaya#, M., Salamone#, S., Smith#, S., and Zeeh, A. 1996. An undergraduate DNA sequencing project using bacteriophage T4. American Society for Microbiology Annual Meeting, New Orleans, LA, p. 475. (#denotes undergraduate author)
- Zeeh, A. 1995. Using *Escherichia coli* and phage T4 to teach molecular microbiology to undergraduates. American Society for Microbiology Annual Meeting, Washington, D.C. p. 487.
- Flanagan#, S., Harms#, K., Palmer#, M., Rennie#, N., Stanton#, P. and Zeeh, A. 1993. Identification of splicing mutants using *rII* genetics. Evergreen International Bacteriophage T4 Meeting, Olympia, WA. p 34. (# denotes undergraduate author)

## PUBLICATIONS AND ABSTRACTS (CONT'D)

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Zeeh, A. and Shub, D. 1991. The product of the split *sunY* gene of bacteriophage T4 is a processed protein. *J. Bacteriology*. **173**:6980-6985.

Gott, J., Zeeh, A., Pedersen, D., Ehrenman, K., Belfort, M., and Shub, D. 1988. Genes within genes: independent expression of phage T4 intron open reading frames and the genes in which they reside. *Genes and Development*. **2**:1791-1799.

Zeeh, A. and Shub, D. 1988. The product of the spliced phage T4 *sunY* gene is a processed protein. Prokaryotic Genetic Regulation Meeting, Cold Spring Harbor, NY. p. 199.

Zeeh, A., Xu, M.-Q., and Shub, D. 1987. A new group I intron in bacteriophage T4. Prokaryotic Genetic Regulation Meeting, Cold Spring Harbor, NY. p. 202.

Shub, D., Xu, M.-Q., Gott, J., Zeeh, A., and Wilson, L. 1987. A family of autocatalytic group I introns in bacteriophage T4. *Cold Spring Harbor Symp. Quant. Biol.* **52**:193-200.

## SERVICE TO COLLEGE

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2016-2017	Department Search Committee for Science Faculty Member in Microbiology
2016-2017	Department Search Committee for Science Faculty Member in Physiology
2015-2016	Mentor, College FLIGHT Program for first generation college students
2014-2017	College Academic Grievance Committee
2013-2015	College Faculty Review Committee
2011-2012	Department Search Committee for Science Faculty Member
2010-2012	College Faculty Review Committee
2009-	Advisory Board Member, CSR Journal of Undergraduate Research
2009-2010	Chair, Department Search Committee for Science Faculty (Temp.)
2008-2012	College Affirmative Action Committee
2005-2015	Chair, Department Probationary Faculty Evaluation Committee
2005	Search Committee for Vice President of Finance and Administration
2004-2006	College Academic Grievance Committee Alternate
2000	Chair, Search Committee for Dean of School of Mathematics and Sciences
1999	Keynote Speaker, Spring Honors Convocation
1998 - 2000	College Undergraduate Academic Committee
1998 -1999	School of Math and Science Professional Development Committee
1997 - 1998	President's Strategic Planning Steering Committee
1996 - 1999	College Salary Committee
1996 - 1998	College Admissions and Retention Management Committee
1996 - 1998	College Professional Development Committee
1996 - 1998	School of Math and Science Curriculum Advisory Committee
1995 - 1997	Career Center Advisory Board
1995 - 1996	College Affirmative Action Committee
1994 - 1996	College Undergraduate Academic Committee
1994 - 1996	School of Math and Science Professional Development Committee
1994, 1996	College of Saint Rose Summer Science Instructor
1994 - 1997	College Budget Review Committee
1994 - 1995	Academic Affairs Assessment Task Force
1993 - 1997	College of Saint Rose Spring Science Fair Judge
1993 - 1996	College Academic Grievance Committee (Chair, 1994-95)

## SERVICE TO COMMUNITY

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- 2014-2016 Supervisor/Mentor, STEM Student Research Program  
The Emma Willard School, Troy, NY
- 2014 – present Manuscript Reviewer, *American Biology Teacher*
- 2014 Careers in Biology Panel Presenter, University at Albany (4/2/14)
- 2013 Interviewed for *Albany Times Union*, article entitled, “Study Break”  
(7/10/13)
- 2011 External Reviewer in Genetics, Excelsior College  
Reviewed 326 exam questions for content and accuracy
- 2011-2012 Supervisor/Mentor, High School Student Research Program  
Columbia High School, East Greenbush, NY
- 2011-2012 Supervisor/Mentor, High School Student Research Program  
Academy of the Holy Names Upper School, Albany, NY
- 2007 - 2009 Advisory Board Member, Institute for Community Research, The College of  
Saint Rose
- 2004 - present Community Scientist, Institutional Review Board and Science Research  
Committee, Academy of the Holy Names Upper School, Albany, NY  
Expert scientist member of a five-member panel that reviews all student  
research projects conducted in the Science Research class at Academy of the  
Holy Names.
- 1996 - 1997 Supervisor/Mentor, High School Student Research Program  
Colonie High School, Colonie, NY
- 1996 Reviewer, Wm. C. Brown Publishers  
Book entitled: *Genetics, 3rd Edition* by Weaver and Hedrick
- 1996 Grant Reviewer in Microbial Genetics, National Science Foundation,  
Washington, DC
- 1995 - 2015 Science Olympiad Judge (Regional competition)
- 1995 - 1996 Panelist, Microbial Genetics Grant Review Panel  
National Science Foundation, Washington, DC
- 1994 - 2003 Supervisor/Mentor, High School Student Research Program  
Academy of the Holy Names Upper School, Albany, NY
- 1994 - 1995 Eastern New York Branch American Society for Microbiology Membership  
Committee
- 1993 Interviewed on WAMC Radio, The Best of Our Knowledge show (9/8/93)

## PROFESSIONAL AFFILIATIONS

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- American Society for Microbiology
- Sigma Xi Scientific Research Society, Albany Chapter  
Chapter Vice President, 2013 - 2016  
Chapter Delegate to Annual Meeting, 2007  
Chapter President, 2005 - 2006  
Executive Committee Member, 2003 – present  
College of Saint Rose Faculty Moderator for Student Membership, 2003 – present
- American Academy for the Advancement of Science
- National Association of Biology Teachers
- American Institute of Biological Sciences
- National Science Teacher Association