

Curriculum Vitae

Jill D. Reid, M.S.

Associate Professor
Department of Biology
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EDUCATIONAL BACKGROUND

- M.S. (Biology), Virginia Commonwealth University, (GPA 3.880) December 2001
- B.S. (Biology), Virginia Commonwealth University, (GPA 3.692) May 1999
- Graduated, Manchester High School, Chesterfield County, Virginia, June 1984

ACADEMIC APPOINTMENTS IN HIGHER EDUCATION

- Associate Professor, Term Faculty, Virginia Commonwealth University, 2019-present
- Assistant Professor, Term Faculty, Virginia Commonwealth University, 2009 – 2019
- Instructor, Term Faculty, Virginia Commonwealth University, 2003 - 2009
- Introductory Biology Laboratory Coordinator, Virginia Commonwealth University, 2002 - Summer 2003
- Biology and Science Adjunct Instructor, Southern New Hampshire University, College of Online and Continuing Education, Summers 2016 - 2020

LEADERSHIP ROLES

- Mentor, Service-Learning Teaching Assistants (SLTA's) for my Citizen Science course:
Spring 2020: Mark Edmunds, Jessie Feng, Hadasha Stephens; Fall 2019: Jessie Feng, Evan Soukup
- Co-Chair, Department of Biology, Bylaws Committee (3 years)
- Chair, BIOL 101 Course Redesign Initiative (committee members: Sierra Beecher, Dianne Jennings, Jen Olsen, and Fernando Tenjo), Spring 2020 - present
- Richmond Organizer, [City Nature Challenge 2021: Greater Richmond Region](#) (with Whitney Hall, The Nature Conservancy), Fall 2020- Spring 2021
- Richmond Organizer, [City Nature Challenge 2020: Greater Richmond Region](#) (with Dr. Rene Valdez, DGIF and Whitney Hall, The Nature Conservancy), Fall 2019- Spring 2020
- Lead Coordinator, [FrogWatch USA™](#) Pocahontas Chapter, 2019-present
- Provost Office of Faculty Affairs Faculty Fellow, Center for Teaching and Learning (CTLE).
Fall 2017 - Spring 2018
- Facilitator for Quantitative Biology, Fall 2019-Spring 2020
- Co-Coordinator for Quantitative Biology (with Joe Battistelli). Fall 2016-Summer 2019
- Transformer-in-Residence, ALTFest 2015
- Mentored new faculty member, Jonathan Moore, Fall 2013 to help prepare him to teach

Comparative Vertebrate Anatomy

- Mentor & Co-Developer, Center for Teaching Excellence (CTE) Online Course Development Initiative. Summer 2013
- Started a mentorship group for new biology term faculty (at the time called collateral faculty) Spring 2006 - this was unofficial, but a mentorship nonetheless - collateral faculty would meet once a week in my office to discuss classroom issues, teaching strategies, etc. The group met for approximately 2 years as the newer faculty became more confident in their teaching roles.
- Mentored new faculty members, Dr. Cara Cario and Dr. Lucinda Shillady, Fall 2005 (this was unofficial, but a mentorship nonetheless - we met on a regular basis, at least once a week, to discuss teaching strategies, classroom management, work-life balance, etc.)
- Chair or Co-Chair of over half a dozen committees (listed later on this CV).

HONORS AND AWARDS

- [Humanities and Sciences Distinguished Teaching Award](#) - Math and Sciences, 2021
- Nominated 2021: President's Distinguished Faculty Award - Outstanding Term Faculty
- VCU Libraries [Affordable Course Content Award](#), \$4,000 grant, 2021-2022.
- VCU Provost's Office Faculty Fellow - Center for Teaching and Learning Excellence, AY 2017-2018
- Outstanding Graduate Student Award, Department of Biology, Virginia Commonwealth University, Spring 2002
- Graduate Teaching Assistantship Fall 1999 – Spring 2001
- Magna Cum Laude, Bachelor of Science, Virginia Commonwealth University, Spring 1999
- University Honors Program, Spring 1995 – Spring 1999

CERTIFICATIONS

- [CK-12 Certified Educator](#), valid 2020-2022
- [Virginia Master Naturalist, Pochontas Chapter](#), 2019-current
- [Hopewell Tree Steward](#), Chesapeake Bay Foundation, 2019-current
- Master Advisor, Certificate of Recognition for Master Advisor Training, Completion March 2006; renewed May 2008

COURSES TAUGHT AT VIRGINIA COMMONWEALTH UNIVERSITY

- BIOL 475 Capstone: Evolutionary Nutrition
 - 1 credit biology majors course
 - Spring 2016, Fall 2016
- BIOL 425 Field Botany
 - 3 credit hybrid biology majors course
 - Summer 2012, Summer 2014, 2015, Fall 2015
- BIOL 391 Evolutionary Nutrition
 - 3 credit online biology majors course
 - Spring 2014-2015, Fall 2014
- BIOZ 391 Topics: Citizen Science: Flora & Fauna of VA

- 2 credits, field-based lab
- attributes: REAL Level 2 Experience, Service Learning
- Fall 2019, Spring 2020
- BIOZ 313 Vertebrate Natural History Lab
 - Spring 2006 (Co-taught with John Pagels)
- BIOL 301 Comparative Vertebrate Anatomy
 - 5 credit lecture/lab biology majors course (lecture component was hybrid or online)
 - Fall 2005-2011, 2013 Spring 2009-2012, 2013
- BIOL 217 Principles of Nutrition
 - 3 credit non-majors online service course (for pre-nursing majors)
 - attributes: Sustainability Content and Course taught online
 - Spring 2007-2022, Summer 2007, 2009-2021, Fall 2012-2021
- BIOZ 205 Human Anatomy Lab
 - Fall 2001, Fall 2003, Fall 2004, Spring 2006 (half-semester when Irma Bateman got ill)
- BIOL 201 Human Biology
 - 3 credit non-majors online service course
 - attributes: Sustainability Content and Course taught online
 - Spring 2004-2011, 2013-2022, Summer 2005, 2006, 2013, 2015-2021, Fall 2004-2021
- BIOZ 201 Human Biology Lab
 - Spring 2004, 2006, 2014, Summer 2005, Fall 2004, 2013, 2014
- BIOL 200 Quantitative Biology
 - 3 credit required biology majors online course
 - Spring 2016-2019, Fall 2016-2018
- BIOL 151 Introduction to Biological Sciences I
 - Fall 2006, 2008, 2011, Spring 2008, Summer 2003-2009
- BIOZ 151 Introduction to Biological Sciences I Lab
 - Fall 1999, Summer 2000, Fall 2000, Fall 2001
- BIOZ 152 Introduction to Biological Sciences II Lab
 - Spring 2000, Spring 2001, Fall 2001
- BIOL 101 Biological Concepts
 - 3 credit non-majors gen ed online course
 - Fall 2003, 2016, 2020-2021 Spring 2004-2006, 2021-2022, Summer 2016-2018, 2020-2021

COURSES TAUGHT AT UNIVERSITY OF RICHMOND

- BIO 211 Organismal Biology I
 - Fall 2001

COURSES TAUGHT AT SOUTHERN NEW HAMPSHIRE UNIVERSITY

- SCI 215 Contemporary Health (online)

- Summer 2016, 2017, 2018, 2019, 2020
- BIO 101 Principles of Biology and Lab (online)
 - Summer 2017

CURRICULUM DEVELOPMENT

- BIOL 101 (my sections) are participating in the NSF-funded study “Diversifying & Humanizing Scientist Role Models to Increase Impact of Data Literacy Instruction on Student Interest & Retention in STEM.” Auburn University and Michigan State, Fall 2021, *Spring 2022, Fall 2022*
- Comprehensive online curricular and pedagogical redesign of BIOL 217 including integrating a [customized OER textbook](#), Summer 2021
- Comprehensive online curricular and pedagogical redesign BIOL 201 including integrating a [customized OER textbook](#) Summer 2021
- Comprehensive online curricular and pedagogical redesign BIOL 101 including integrating a [customized OER textbook](#), Summer 2021
- *Canceled due to pandemic:* BIOL 101 Course Redesign Initiative
- Developed new course for fall 2019 - BIOZ 291: Citizen Science: Flora & Fauna of VA
- Developed new content and quizzes for Quantitative Biology (due to new textbook), AY 2017-Spring 2019 (as co-coordinator with Joe Battistelli)
- Developed the online course for Biological Concepts (BIOL 101) using Open Educational Resources (OER) such as OpenStax, YouTube Crash Course Biology videos, and various TED Talk videos – developed in the summer of 2016, taught summer 2016, taught again Fall 2016 and Summers of 2017 and 2018. Kristina Reid Black used this online course to teach an online section of BIOL 101 in the summer of 2019.
- Developed new content/quizzes/exam questions for Quantitative Biology (BIOL 200), restructured the course to better meet online pedagogy standards. Fall 2016 & Spring 2017 (as co-coordinator with Joe Battistelli)
- Developed a new upper-level online course for biology majors – Evolutionary Nutrition, development began in Fall 2013, the course was first taught in Spring 2014
- Developed the [RamPages website for Field Botany](#) 2014 (with help from Tom Woodward at the CTE)
- Co-developed the online Blackboard component of Field Botany with Dr. Dianne Jennings, Summer 2012
- Developed the [Google Sites website for Field Botany](#) 2012
- Developed the online course, Human Biology, Fall 2012. This was akin to new course development as it was not just moving content online – I developed completely new interactive assignments and learning structure to the course.
- Developed the online lecture and learning component for Comparative Vertebrate Anatomy, Fall 2012
- Developed the online course, Principles of Nutrition, Summer 2012. This was akin to new course development as it was not just moving content online – I developed completely new interactive assignments and learning structure to the course.
- Revised and made the Human Biology laboratory manual a free online resource to students enrolled in the course, Fall 2007

- Developed and implemented a printed Human Biology (BIOZ 201) laboratory manual, Spring 2004.
- Developed a new course, Human Biology & Lab (BIOL/Z 201), Spring 2004.

PROFESSIONAL FACULTY DEVELOPMENT

- HHMI BioInteractive Workshop: Using BioInteractive Resources To Explore The World of Viruses, August 2021
- HHMI Biointeractive virtual Workshop: Biointeractive Across Scales: Uniting Molecular and Ecological Concepts Through the Principle of Regulation, July 2021
- VCU Training: CReSS Workshop: Finding Trusted Information about COVID-19 and Vaccines
- HHMI Biointeractive Virtual Workshop: Best Practices in Writing Selected-Response Assessment Items, April 2021
- VCU Graduate Organization of Biology Students, 1st Annual Spring Symposium, *Evolutionary Perspective on African North American Genetic Diversity: Origin & Prospects for Future Investigations*, Guest Speaker: Dr. Fatimah Jackson, Director of Cobb Research Center, Howard University. Feb 2021, virtual event.
- VCU Safe Zone Training, 2006, refresher Feb 2021
- CTLE Webinar: Structuring your class to create inclusion, community and connection: Lessons learned through online teaching, Jan 2021
- Canvas Training Badges: Course Design Considerations (2020), Content Pages (2020), Creating Assessments with New Quizzes (2020), Accessibility (2020), Course Communication Tools (2020), Gradebook & Speedgrader (2020), Home Pages (2020)
- CK-12 Certified Educator, 2020-2022, 10 hour online self-paced course related to creating “high quality, free educational resources that address the learning needs of their students.”
- Self-Paced Course: Accommodations, Accessibility, and Universal Design for Online Courses, 2020
- Webinar: Supporting Linguistic Diversity in the Online Classroom, 2020
- Darwin Day: The Evolution of Coloration and Color Vision in Butterflies by Dr. Adriana Briscoe; 1 hour, Feb 2020
- VCU Libraries OER Workshop, 1 hour, Feb 2020
- CTLE Workshop: Welcomed, Included, and Valued: Creating inclusive learning spaces and classroom culture, 1 hour, Feb 2020
- Webinar: How to use microlearning in your course: An OpenStax and Blending Education webinar, 1 hour, Feb 2020
- Webinar: CK-12 Customizing Flexbooks, 1 hour, Feb 2020
- CTLE Workshop: Community-engaged teaching, 1 hour, Jan 2020
- Humanities Research Center: Stolen - Five Free Boys Kidnapped into Slavery and their Astonishing Odyssey Home by Dr. Richard Bell, 1 hour, Jan 2020
- Continuing Education: Throwing Shade: Heat Islands, Public Policy, and Clean Water - part of the Chesapeake Bay Making Waves webinar series, 1 hour, Jan 2020
- Chicago Botanic Garden, Citizen Science Academy, Using Citizen Science Data in the Classroom, online course, 35 hours, Summer 2019

- Chesapeake Bay Foundation, Hopewell Tree Steward certification training, 9 hours, Summer 2019
- USA, National Phenology Network, Local Phenology Leader Training, Short Course, 9 hours, Summer 2019
- Continuing Education: Nature Journaling, 2 hours, Sep 2019
- Continuing Education: Webinar - Wildlife Corridors, Aug 2019
- Training & Continuing Education: Invasive Species Herbicide Application, 3 hours, Aug 2019
- Continuing Education: DGIF - Creating Backyard Habitat for Birds, Bees & Other Pollinators, July 2019
- Continuing Education: Webinar - Building Cultural Competence; 1 hour, July 2019
- Continuing Education: Webinar - Project EduBat; 1 hour, June 2019
- Continuing Education: Entomology Walk, 2 hours, Jun 2019
- Continuing Education: MSU Pollinator Champions Online Course, Unit 1, 2 hours, Jun 2019
- Frogwatch Coordinator Training, 8 hours, Spring 2019
- Training & Continuing Education: How to Inventory and Monitor Pollinator Habitat, 6 hours, May 2019
- Continuing Education: Wildflower Walk with Ernie Wilson, 2 hours, Apr 2019; 2 hours, Aug 2019
- Training & Continuing Education: Pocahontas State Park Bat Monitor Training, 2 hours, Mar 2019
- Webinar: Monarch Joint Venture: Monarchs in a web of life - predators, parasites, and disease, 1 hour, Mar 2019
- Continuing Education Webinar: Mid-Atlantic Early Detection Network: How you can help defeat invasive species, 1 hour, Mar 2019
- Continuing Education Webinar: Virginia Ticks and Tick-borne Diseases, 1 hour, Feb 2019
- Virginia Master Naturalist Training, 40 hours, Spring 2019
- Emotional Intelligence in the Online Classroom, 2018 SNHU Faculty Development Webinar
- Learning How To Learn: Powerful mental tools to help you master tough subjects. *In progress*. Coursera
- Stanford Introduction to Food and Health online course. 2017 Coursera
- Overview of Softchalk Cloud & Create, VCU Webinar Fall 2017
- Building Inclusive Communities, 1 day workshop Fall 2017 hosted by the Division for Inclusive Excellence
- Addressing Hot Topics in the Classroom, presentation by CTLE, Division of Inclusive Excellence, and School of Social Work, Fall 2017
- Attended "Overview of Softchalk Cloud & Create - VCU" Webinar Fall 2017
- VCU Mentoring Workshop for Teaching & Research Faculty, September 2016.
- SNHU Online Teacher Training, Summer 2016
- SNHU Providing Substantive Feedback, Summer 2016
- EdX online course, "[Effective Teaching Strategies for College Biology](#)." I earned 96%, click the link above to view completion certificate. Jan-Feb 2016

- VCU “At-Risk for Faculty & Staff” online training to learn how to effectively identify students who are at risk of potentially harmful behaviors. 2016
- [Unconscious Bias](#) training provided by VCU. 2016
- Journey to Cultural Competence - Understanding Microaggressions , Diversity Education and Retention Initiatives, VCU 2015
- Title IX training with Peter Lake provided by VCU 2015
- Participated in the 3-day ALTfest conference (formerly Online Learning Summit). May 2015
- Participated in the [Connected Courses online metacourse](#). Fall 2014
- Participated in Digital Storytelling, a course taught by Bud Deihl in the CTE Fall 2013
- Preparing to Teach Online (PTTO) Summit, Summer 2012, 8 hour symposium with keynote speaker, panels and breakout groups
- Participated in the Center for Teaching Excellence, Preparing to Teach Online, Spring 2012 full semester course
- Prepared BIOL 217 Principles of Nutrition and BIOL 391 Field Botany courses for online teaching (BIOL 217 fully online; BIOL 391 hybrid). Delivery of online courses started in Summer 2012
- Participated in the Center for Teaching Excellence, Online Learning Summit, May 2012
- Getting Started with Turning Technologies Clickers and Advanced Polling Options with Turning Technologies Clickers, Fall 2012
- Digital Teaching & Learning Workshop: Issues in Teaching the Sciences in Higher Education, 1 day workshop 2011
- VCU Technology Services - various Blackboard Training modules, 2009-2010
- Participated in the Faculty Learning Community for Problem-Based Learning, Center for Teaching Excellence, Virginia Commonwealth University, Fall 2007-Spring 2008
- VCU [Safe Zone](#) Training, Spring 2007
- “Teaching Non-Majors Biology to Large Lectures” 2-day symposium, College Park, MD, Spring 2007
- Conversational Spanish, VCU course, Spring 2007
- Science, Reason & Faith Seminar Series, 2006-2007 AY
- VCU Master Advisor Workshop, Spring 2006
- Non-Majors Biology Symposium on best teaching practices and new technology coming to the classroom; 3 day symposium, Dubuque, Iowa, 2005
- Advising Workshop, hosted by Carolyn Conway, Department of Biology, Fall 2005
- Adult CPR, Human Resources, Summer 2005
- Blackboard 6.1, VCU Training, Spring 2004
- Blackboard 5.5 Introduction, VCU Training, Fall 2003

INVITED LECTURES/TALKS/PRESENTATIONS

- Institute on Inclusive Teaching (IIT): [Carrot, Not Stick: Syllabus Policies for Inclusivity](#) with Jamboard active learning breakout room exercises for participants, session facilitator with Joe Battistelli, May 2021
- CTLE’s Celebration of Teaching and Learning Excellence Symposia - Inclusive Teaching Practices: [Carrot, Not Stick: Syllabus Policies for Inclusivity](#), co-presenter with Joe

Battistelli, April 2021

- *Canceled due to pandemic:* Invited Instructor: Lewis Ginter Botanical Gardens Teacher Summer Institute: Insect Identification and Citizen Science Pollinator Density; July 2020
- *Canceled due to pandemic:* Lunch and Learn at Lewis Ginter Botanical Gardens; Presentation on the City Nature Challenge 2020: Greater Richmond Region 3/25/20
- *Canceled due to pandemic:* Invited panelist: CTLE Celebration of Teaching and Learning Excellence Symposium - Opening the Classroom: transforming classes using free course materials; April 3, 2020
- FrogWatch USA presentation for the 2020 VMN Basic Training Class, 3/7/20
- Dendrology lecture; 3 hours; given to the Virginia Master Naturalist class of 2020; 3/11/20 - [Presentation Evaluation Summary](#)
- Dendrology Field Trip at Pocahontas State Park; 3 hours; designed and led field trip for the VMN class of 2020; 3/15/20
- Presentation given to the Education, Planning and Outreach committee of the DGIF Board on the Citizen Science project that I led for the VMN Pocahontas Chapter: [Monarch Larval Monitoring at DGIF](#), 10/23/19
- Featured in [CTLE Profiles in Teaching Excellence](#), Spring 2018.
- Creating Additional, Authentic Learning Experiences in Large Lectures (without much increase in workload), CTLE Fellow Workshop, Fall 2017.
- Transformer-in-Residence, ALTfest 2015 with Dr. Dianne Jennings
- Presenter at the CTE Online Learning Summit: “Engaging & Assessing 200+ Students in an Online Environment,” Spring 2013
- Interviewed by Bud Deihl for the CTE Gallery of Online Teaching. Spring 2013
- Presenter at the CTE Online Course Showcase. Fall 2012
- RELS 340 Global Ethics Service Learning Class (Professor Jennifer Garvin-Sanchez’s class), Simple Living in a Modern World: How this benefits the local economy, the local environment and our health. Virginia Commonwealth University, Fall 2012
- BIOL 151 (Dr. Plunkett’s class), The evolution of gymnosperms and angiosperms, Virginia Commonwealth University, Fall 2005
- BIOL 152 (Dr. Turbeville’s class), Animal Diversity, Virginia Commonwealth University, Spring 2005
- BIOL 151 (Dr. Plunkett’s class), Plant Anatomy, Virginia Commonwealth University, Fall 2004
- BIOL 300 (Biotechniques), Isolation of DNA and Polymerase Chain Reaction, Virginia Commonwealth University, Spring 2003

TEACHING-RELATED GRANTS

- VCU Libraries [Affordable Course Content Award](#), \$4,000 grant, 2021-2022
- ALT Lab, Virginia Commonwealth University; Spring 2015; \$1500 awarded for being a Transformer in Residence during ALTfest 2015.
- Center for Teaching Excellence (CTE) Online Course Development Initiative. Summer 2013; \$1500 awarded for being a mentor & co-developer.
- Center for Teaching Excellence, Virginia Commonwealth University; Spring 2012; \$1500 awarded for Preparing To Teach Online (PTTO)

- Center for Teaching Excellence, Virginia Commonwealth University; Fall 2007-Spring 2008; \$1,000 awarded for Problem-Based Learning FLC.
- Student Technology Funds; Virginia Commonwealth University; Spring 2008; \$13,796 awarded for the purchase of four tablet PC's for Biology collateral faculty to enhance learning in large classrooms.

SERVICE TO VCU BIOLOGY

- **Teaching-Related Service**
 - **Chair**, BIOL 101 Course Redesign Initiative (other members: Sierra Beecher, Barbara Merck, Jen Olsen), 2020
 - **Facilitator** for Quantitative Biology, Fall 2019-present (spring 2020)
 - **Co-Coordinator** for Quantitative Biology with Joe Battistelli Fall 2016-Summer 2019
 - **Lab Coordinator**, CVA labs 2005-2013
 - **Lab Coordinator**, Human Biology Labs 2004-2015
 - Undergraduate Curriculum Committee, Fall 2002 – Summer 2007
- **Search Committees**
 - Search Committee Member, Department of Biology, 9 month Evolutionary Biologist/Evolutionary Ecologist tenure-track position. Fall 2019 (the search was canceled due to budget constraints). Committee Members: Andrew Eckert, Chair; Wenheng Zhang; Chris Gough, Karen Kester; Jessie Goldstein.
 - **Co-Chair** of search committee, Department of Biology, 9 month term faculty positions to teach Introductory Biology (2 positions), Quantitative Biology, Human Anatomy, and Cell Biology - five instructor hires (Co-chair with Dianne Jennings, Jonathan Moore, Cara Cario, Jackie Vick, Chris Gough) Spring – Summer 2017 - offers made to Merk, Bissett, Huang, Olsen, Beecher
 - Search Committee Member, Department of Biology, 9 month term faculty positions to teach, Anatomy (Susan Polich), Anatomy/CVA (Carolina Yaber), Environmental Science/Intro Bio (Colleen Higgins), Environmental Microbiology/Intro Bio (Joe Battistelli). 2015
 - Search Committee Member, Department of Biology, 9 month collateral faculty positions to teach introductory, plant, genetics and cell biology classes; Spring 2013. Resulted in hiring Jonathan Moore, Tricia Smith, Dan Carr and Jackie Vick.
 - Search Committee Member, Department of Biology, 9 month collateral faculty positions to teach introductory, cell biology, genetics and human anatomy classes – recommended hiring: Dianne Jennings who started Fall 2006; Carmen Rodriguez who started Fall 2007, Fernando Tenjo who started Fall 2007, Anneke Padolina who started Spring 2007, Mary Monroe who started Fall 2008
- **Promotion Committees**
 - Committee Member: Dianne Jennings - Associate Professor to Full Professor - Fall 2021 (committee members include Don Young, chair; Carmen Rodriguez; Linda Zyzniewski; Andrew White, student)
 - Committee Member: Sarah Golding - Assistant Professor to Associate Professor -

Fall 2019 (committee members included Amanda Dickinson, chair; Gregory Walsh; Daniel McGarvey; Mitra Menon, student)

- **Chair:** Susan Polich - Instructor to Assistant Professor promotion committee – Fall 2016 (committee members included Jenny Stewart, Amanda Dickinson, Enjolie Levensgood, Ron Evans)
- **Co-Chair** (with Carmen Rodriguez): Jonathan Moore - Third Year Review - 2015
- **Co-Chair** (with Fernando Tenjo): Alaina Campbell - Third Year Review - 2014
- Committee Member: Carmen Rodriguez - Instructor to Teaching Assistant Professor - 2013
- **Chair:** Dianne Jennings - Instructor to Assistant Professor - 2012
- **Chair:** Cara Cario - Instructor to Assistant Professor - 2011
- Committee Member: Carmen Rodriguez Third year review 2010
- **Chair:** Michelle Peace, Third year review (note: 3rd year review is optional for Forensic Science, and after several meetings she decided not to undergo the review at that time), 2009
- **Other Departmental Service**
 - Biology Bylaws Committee Member 2021-2022 (Greg Walsh - Chair, Rima Franklin, Jackie Vick, Wenheng Zhang)
 - **Co-Chair** Biology Bylaws Committee 2020-2021 (Bill Eggleston - Co-Chair, Rima Franklin, Stephanie Millican, Jackie Vick)
 - Biology Bylaws Committee Member, Fall 2019 (Bill Eggleston and David Straus, Co-Chairs; Santiago Lima, Emily Watkinson)
 - **Co-Chair** Biology Bylaws Committee 2018 - 2019 (Colleen Higgins - Co-Chair, Chris Gough, Santiago Lima, Barbara Merk, Jen Olsen, Emily Watkinson).
 - **Co-Chair** Biology Bylaws Committee 2017-2018 (Bill Eggleston - previous Co-Chair, Chris Gough, Colleen Higgins, Barbara Merk, Emily Watkinson).
 - Web Presence Committee - 2018 - 2019 (Andrew Eckert, Will Moran - Chair, Catherine Hulshof)
 - **Chair**, Web Presence Committee 2017 (Andrew Eckert, Will Moran, Alvin Bryant, Amanda Dickenson - former chair and founding member)
 - Biology Awards Committee 2015-2016 (Rima Franklin, Joe Battistelli, Susan Polich, Jackie Vick, Dan Carr)
 - Biology Bylaws Committee 2015-2016 (Fine, Bukaveckas, Dickinson, Franklin, Vick, Eckert)
 - Advised biology majors from 2003-2013
 - Biology Program review 2010.
 - Created Bb templates for all collaterals for housing materials for their 3rd and 6th year reviews
 - Budget Committee, Department of Biology, Virginia Commonwealth University, Fall 2007- Summer 2013
 - Transfer Advising; help Kristin Smith at the beginning of the semester with getting students into classes. Fall 2008, Spring 2009, Spring 2010
 - Advising Plan Committee, Department of Biology, Fall 2006-Summer 2007
 - STAR registration for biology students, Summer 2006, Summer 2007, Summer

2008

- Started a support group for the biology collateral faculty who teach large introductory biology classes – Spring 2006 to Summer 2009
- Unofficially mentored two collateral faculty members - Fall 2005.
- Advisor to the VCU Graduate Organization of Biology Students, Fall 2002 – Fall 2004. (Former Member of the VCU Graduate Organization of Biology Students, Fall 1999 – Fall 2001.)
- VCU Department of Biology Graduation Committee, 1999 - 2002
- Volunteered as a greeter in the Human Anatomy Lab during the VCU Life Sciences Building Dedication, November 15, 2001.

SERVICE TO THE UNIVERSITY

- **Chair**, BIOL 101 Course Redesign Initiative (other members: Sierra Beecher, Barbara Merck, Jen Olsen), 2020
- Center for Teaching and Learning Excellence, VoiceThread Assignment Charrette Pilot, Jan 2019
- Search Committee for Vice Provost for Strategic Enrollment Management, Fall 2017-Spring 2018. Committee members included: John Accordino (Chair, Dean Wilder School), Maggie Tolan, James Mays, Alison Jones, Tricia Lomax, Sofia Hiort-Wright, Angela Duncan, Ijuanzee Isom, Gokhan Yucel, Reuban Rodriguez, Maria Rivera, Emily Avesian.
- Search Committee for Executive Director of Online@VCU, Fall 2016-Spring 2017. Monica Orozco was hired after being recommended by the Committee. Committee members included: Ed Grier (Chair, Dean of School of Business); Enoch Hale, Alan Dow, Tressie Cottom, Mike Forder, Shelli Fowler, Shelly Smith, Scott Street)
- Arthur J. Seidenberg Scholarship Committee, University College, VCU, 2013-2018
- Pre-Health Advisory Committee, University College, Virginia Commonwealth University, Fall 2006-Summer 2016
- Faculty Advisor, VCU Human Nutrition Club, Spring 2011 to Summer 2013
- Discussion Leader for the 2012 Summer Reading Program (*The Immortal Life of Henrietta Lacks* by Rebecca Skloot)
- Member, VCU Online Initiative ad hoc committee. Fall 2011.
- Honor Council Member, Virginia Commonwealth University, Fall 2007- Summer 2008; Spring 2017-Fall 2018
- Volunteer VCU Biology Liaison - met with prospective students during the fall semester 2007
- Presented the College of Humanities and Sciences Distinguished Academic Service Award to Aarti Jani (I had nominated her), Spring 2006

SERVICE TO THE PROFESSION

- Peer Reviewer, *Environmental & Experimental Botany*, 2011
- Peer Reviewer, *Aquatic Botany*, 2007
- Peer Reviewer, *International Journal of Plant Sciences*, 2006

- Textbook Reviewer: From 2004 to 2007 I reviewed numerous chapters in textbooks for various textbook publishers.
- Member of the VCU-University of Richmond Systematics Discussion Group, Fall 2001 – Spring 2006.

SERVICE TO STUDENTS

- Mentor, [Service-Learning Teaching Assistants](#) (SLTA's) for my Citizen Science course:
 - Spring 2020: Mark Edmunds, Jessie Feng, Hadasha Stephens
 - Fall 2019: Jessie Feng, Evan Soukup
- Student Engagement: Fall 2018, Spring 2019 - on several occasions I helped Anne Wright with her ENVS 491 Topics: Invasive Species Management in Urban Parks course - I met her with her students in the James River Park System to help students identify invasive plant species for their projects.
- Writing Letters of Recommendations for students 2004-present (Spring 2020)
- Student Engagement: Summer 2012 Dr. Cara Cario and I met with 8 of her Gross Anatomy students to tour the Body Exhibit at the Science Museum of Virginia
- Mentor, MS Thesis for Holly Brown, Fall 2009-Summer 2010. Philadelphia College of Osteopathic Medicine (in conjunction with the Georgia Aquarium) – Masters in Biomedical Sciences (former VCU undergraduate student.)
- Mentor, Godwin High School Student on his science fair project: “The effects of *Azadirachta indica* (neem) on *Aspergillus niger* (black bread mold)” 2003-2004 - he placed third place in VJAS.
- Volunteer Tutor for the Pre-Pharmacy Student Organization, Fall 2007

SERVICE TO MY LOCAL COMMUNITY

- Organizer, [City Nature Challenge: Greater Richmond Region](#), 2020, 2021, 2022
- Established new FrogWatch USA chapter at Pocahontas, Lead Chapter Coordinator, 2019-present
- Basic Training Committee, Virginia Master Naturalist - Pocahontas Chapter, Fall 2019-Spring 2020.
- Short presentation to the Education, Planning and Outreach committee of the DGIF Board on the Monarch Larval Monitoring Citizen Science Project, October 2019
- Hopewell Tree Steward, Aug 2019 - present
- Virginia Master Naturalist Volunteer, Pocahontas Chapter, Jan 2019 - present (total 141 volunteer hours)
- Organizer, RPBBA Annual Honey Bee Festival at Rockwood Park, 2011-2018
- Guest Speaker, GED Students, “Biology of the Honey Bee” 2015
- Guest Lecturer, Lewis Ginter Botanical Gardens Beekeeping class: “Superorganism” 2013
- Guest Lecturer, RPBBA Beekeeping Class: “Superorganisms” 2012
- Guest Speaker, East Richmond Beekeepers meeting, “Warre Hives” 2012
- Guest Speaker, RPBBA meeting, “Warre Hives” 2012
- Guest Speaker, Rockwood Park Backyard Beekeepers meeting, “Our Honey Bee Journey” 2012

- Presenter, Rockwood Park Backyard Beekeepers beekeeping class: “Biology of the Honey Bee” 2011
- Rockwood Park Backyard Beekeepers Association, Communications Director 2013-2018
- Rockwood Park Backyard Beekeepers Association, Vice President (2012)
- Volunteer, Certified Yoga Instructor for a once a week class at Amphill Presbyterian Church in Chesterfield – the class was free and open to the community. April 2009-December 2009
- Volunteer, NOAA Restoration Day at VCU Rice Center, Summer 2007
- Vice President, Enon Volunteer Fire Department, January 2003 – January 2004.
- Association member Enon Volunteer Fire Department, 2001 - 2005.
- Board member, Enon Optimist Club, November 2002 – November 2003. Charter member - October 2001 - 2005.
- Volunteered to co-teach a six-week biology program in conjunction with the Department of Game and Inland Fisheries to students in kindergarten through third grade at Enon Elementary School for an after-school enrichment program, Spring 1999 and Spring 2000.

RESEARCH AND RESEARCH PRESENTATIONS

- Reid, J.D., G.M. Plunkett, and G.A. Peters. Phylogenetic Relationships in the Heterosporous Fern Genus *Azolla* (Azollaceae) Based on DNA Sequence Data from Three Noncoding Regions. *International Journal of Plant Sciences*, 167, 2006, 529-538.
- Thesis: Molecular Systematics of the genus *Azolla* (Azollaceae). (G. M. Plunkett and G. A. Peters, advisors). Spring 2000 – Fall 2001. My research answered some long-standing questions including the number of extant species, how they are evolutionarily related, and how they can be indisputably identified.
- Seminar: Formally presented *Azolla* research at the Botany 2002 meetings, August 2002, in Madison, WI.
- Seminar: Formally presented thesis to the Biology Department on October 5, 2001.
- Graduate Research Assistant, phylogenetic analysis of *Schefflera* using ITS sequencing. Summer 2000. DNA extractions, PCR, DNA sequencing and alignment of several *Schefflera* samples for an ongoing research project for Dr. G. M. Plunkett.
- Assisted cadaver dissection Fall 2000 – Spring 2001 with L. Blem. Focused on lower extremity: skinning, exposing muscle and vascular tissue.

CURRENT MEMBERSHIPS

- [Society for the Advancement of Biology Education Research \(SABER\)](#)
- [National Science Teaching Association \(NSTA\)](#)
- [Society for College Science Teaching \(SCST\)](#)
- [National Association of Biology Teachers \(NABT\)](#)
- [SCHEV Teaching & Learning discussion group](#)
- [Association of American Colleges & Universities \(AAC&U\)](#)
- [AAUP](#), VCU Chapter
- [Virginia Master Naturalist - Pocahontas Chapter](#)

- [Virginia Native Plant Society - Pocahontas Chapter](#)
- [Virginia Herpetological Society](#)