

# Robin H. Cresiski, Ph.D.

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## EDUCATION

2007	Ph.D. (Immunobiology), Yale University, New Haven, CT
2004	M.Phil, Yale University, New Haven, CT
2001	B.S. (Biology), Haverford College, Haverford, PA

## EMPLOYMENT

### University of Maryland Baltimore County, Baltimore, MD

2019 - Present	Assistant Vice Provost for Graduate Student Development and Postdoctoral Affairs and Director of the NSF AGEP PROMISE Academy Alliance Affiliate Professor of Biology
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### Goucher College, Baltimore, MD

2017 -2019	Director, Center for the Advancement of Scholarship & Teaching Associate Professor of Biology (with tenure)
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### Nevada State College, Henderson, NV

2016 (July-Dec)	Interim Provost and Executive Vice President
2014 – 2016	Vice Provost of Scholarship and Experiential Curriculum
2014 – 2016	Associate Professor of Biology (with tenure)
2012 – 2014	Department Chair, Physical and Life Sciences
2011 – 2012	Department Co-Chair, Physical and Life Sciences
2010 – 2012	Faculty Senate Chair
2008 – 2014	Assistant Professor of Biology

### Mount Holyoke College, South Hadley, MA

2007 – 2008	Visiting Assistant Professor, Department of Biology
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## UNIVERSITY OF MARYLAND BALTIMORE COUNTY INSTITUTIONAL PROFILE

Considered the honors college in the University System of Maryland, University of Maryland Baltimore County (UMBC) is a public research university with over 11,000 undergraduate and 2,500 graduate students on a 500-acre campus in the suburbs of Baltimore. UMBC was founded in 1966 and continues to be a young, vibrant, growing institution known for innovative programming, particularly for recruiting and graduating underrepresented students in STEM. Indeed, UMBC is ranked top institution in the country for producing the most African American graduates who have gone on to earn MD-PhDs by the Association of American Medical Colleges. In 2020, it was also ranked #3 in “achieving social and economic impact” by *Times Higher Education* and ranked #9 among the nation’s “most innovative schools” and #12 for “best undergraduate teaching” by *U.S. News and World Report*.

November 2019- Present: Assistant Vice Provost of Graduate Student Development and Postdoctoral Affairs; Affiliate Professor of Biology

- Strategically plan and execute graduate and postdoctoral professional development opportunities for approximately 2500 graduate students and 30 postdoctoral scholars. Programming created for 2020 includes seminars and workshops in 6 key areas: retention and completion, career exploration and identity building, a Future Faculty series, soft skills, writing support and training, and awareness and commitment to diversity and equity. Over 40 events are organized and executed yearly across these categories.

- Direct the NSF AGEP PROMISE Academy Alliance (APAA) grant program across 5 University System of Maryland institutions (UMBC, Towson University, Salisbury University, University of Maryland College Park, University of Maryland Baltimore) to create pathways for postdoctoral scholars of color to attain tenure track positions in Maryland. Lead weekly calls of leaders from the 5 campuses, coordinate alliance events, work with UMBC and University System of Maryland leadership to create policy and funding for sustainable practices to generate greater diversity in faculty across Maryland.
- Supervise the Director of NIH LSAMP Bridge to Doctorate program (10%), the NSF APAA Project Coordinator (100%), 3 graduate assistants and the Director of UMBC's Center for the Integration of Research, Teaching and Learning (CIRTL, 100%).
- Serve on a campus-wide Mental Health Working Group which involves collaboration with Department Chairs, undergraduate and graduate student leadership, Student Affairs, and a broad representation of staff.
- Created and Co-Lead the Graduate Student CARE team to identify, monitor, and support graduate students facing significant obstacles to progress that do not rise to the level of the campus behavioral crisis team.
- Created a Best Practice Series among Graduate Program Directors to share initiatives and practices that have enhanced student success, as well as establish more community and mentorship opportunities across program directors.

### **GOUCHER COLLEGE INSTITUTIONAL PROFILE**

Ranked repeatedly in the top 10 of the nation's most innovative liberal arts colleges by U.S. News and World Report, Goucher is a diverse, small private liberal arts college situated on 287 acres in Baltimore, Maryland. With 1400 students and a student to faculty ratio of 10:1, the campus prides itself on high interaction and collaboration between students and faculty. As a formal College that Changes Lives, Goucher distinguishes itself with a novel interdisciplinary and problem-based general education, a common inquiry for all students around Race, Power and Perspective, and a mandatory Study-Abroad requirement.

January 2017- October 2019: Inaugural Director, Center for the Advancement of Scholarship & Teaching and Associate Professor of Biology with Tenure

- Provided faculty development opportunities for approximately 150 full time, part time and visiting undergraduate faculty: completed over 75 one-on-one consultations and 21 workshops in first 12 months with over 326 total attendees. In a 2018 survey of faculty that had engaged with CAST, 88.9% of faculty found one-on-one conversations very helpful or helpful (mean 3.5 on a 4.0 scale), similarly 93.9% found workshops very helpful or helpful (mean 3.6 on a 4.0 scale).
- Coordinated the development of new courses for the college's new general education program called the Goucher Commons: led a faculty working group to establish guidelines for new center-pair exploration courses which are interdisciplinary, project-based courses; lead a mutli-day institute to build these courses (14 built in first year, 34 built in the second year); worked with faculty governance structures and registrar to create a review and approval process for these courses.
- Contributed to major diversity initiatives on campus: serve as Co-Chair for President's Council on Racial Equity; led a campus-wide More Equitable Goucher discussion initiative; provide faculty development and support for the Phoenix program (summer program for first-generation students); co-created (with human resources) and co-led Inclusive Faculty Recruitment training workshops for search committees; and gave workshops for faculty on Implicit Bias, Diversifying your Curriculum, Ensuring First Generation Student Success, and pedagogical techniques that reduce equity gaps (Transparent Assignment Design, Enhancing Student Success with Metacognition, etc.); led Diversity Equity and Inclusion journal club for STEM faculty Spring 2019.

Participated in, then subsequently led, a learning community for white faculty and staff, “Learning about Race and Unlearning Racism.”

- Elected by faculty to represent the sciences on the Curriculum Committee, responsible for reviewing and approving new or revised majors, minors and courses. Service on this committee in 2018 involved review and approval of new programs and program revitalizations after a program prioritization process.
- Served on campus committees focused on student success: Bias Education Response Team; Strategic Data Group; First Year Programming Goals and Objectives Committee; Retention Working Group.
- Supported the senior administration by providing facilitation where needed: facilitated 5 President’s Breakfast Assembly meetings (a monthly gathering of 100+ academic and non-academic supervisors on campus) focused improving campus culture in fall 2017 and fall 2018; facilitated a visioning exercise between faculty and the Board of Trustees in spring 2018; facilitated a campus common-hour meeting during the 2018 Community theme semester.
- Chaired the Middle States Accreditation Working Group “Design and Delivery of the Student Learning Experience” during the 2018 year and took over leadership of this committee in January 2019 (site visit March 2019).
- Served as a faculty representative on the Faculty & Staff Giving Committee and Accessible and Affordable Books Committee (reviewed policies, invited speakers about Open Educational Resources, and developed the RFP and evaluated RFP respondents for a new bookstore vendor).

### **NEVADA STATE COLLEGE INSTITUTIONAL PROFILE**

Modeled after the California State University system, Nevada State College (NSC) was established in 2002 to create the middle tier of public higher education in the state. The College offers a wide range of degree programs both in the Liberal Arts tradition as well as professional programs such as teacher preparation, business, and nursing. NSC is the fastest growing institution in the Nevada System of Higher Education expanding from 177 students in 2002 to 3,500 in fall 2015. A highly diverse campus, NSC is a designated Minority Serving Institution, an Emerging Hispanic Serving Institution, and serves a largely first-generation population. NSC received independent accreditation in July 2011 from the Northwest Commission on Colleges and Universities (NWCCU) following four comprehensive team visits and four self-studies.

2016 (July 1 –Dec 31): Interim Provost and Executive Vice President

- Oversaw 3 academic deans, the dean of students, the vice provost of academic innovation and student success, the library, sponsored projects, instructional technology, institutional research, registrar, student academic success center, academic advising and student recruitment and retention initiatives.
- Responsible for hiring, promotion, and tenure decisions as well as faculty development for continuing and new faculty.
- Worked with Nevada System of Higher Education System Office on matters of academic policy and programming, institutional accountability, tuition, budgeting, and other matters. This included negotiating the role of community colleges in offering bachelor’s and bachelor’s of applied science degrees, establishing system-wide collaboration for a UTeach program to supply more K-12 teachers in Nevada, approving the establishment or deletion of degree programs across the system, collaborating with the Community College of Southern Nevada on a joint health science building proposal, etc.

- Worked with faculty senate on collaborative policy development: Created policy for pre-tenure instructional release and policy that clarified faculty workload, establishing greater equity and transparency, and granted new faculty an instructional release in their first semester.
- Collaborated with the President and Advancement office on targeted projects for fundraising: was present for an ask of \$50,000 (successfully received) from the Scottish Rite for a speech pathology center.
- Serve as the Officer in Charge in the absence of the President.
- Co-chaired the Executive Budget Committee.

2014 – 2016: Vice Provost of Scholarship and Experiential Curriculum and Associate Professor of Biology, Nevada State College, Henderson, NV.

- Oversaw Faculty Professional Development : Headed NSC's Faculty & Staff Development Committee, the Provost Speaker Series, and bi-annual full-day campus-wide convocations. Established the college's inaugural Center for Teaching and Learning.
- Oversaw Student Professional Development through Experiential Learning: Supervised the Dean of Students and his offices: Student Government, Clubs and Orgs, Student of Concern Committee and Career Services Center. Developed NSC's first Internship-for-Credit academic policy and oversaw establishment of internship-for-credit programs in Criminal Justice, History, Visual Media and Business. Internships grew 41% from year 1 to year 2. Collaborated with other institutions in developing pipelines for diverse students into graduate programs, including a Pre-med Postbacc Program with University of Nevada School of Medicine, GradFit with University of Nevada Reno, GradReady with University of Nevada Las Vegas, as well as a novel graduate school preparation course for seniors. Established Global Programming Task Force to explore possible study abroad and international student recruitment/exchanges at NSC.
- Cultivated Faculty and Student Scholarship: Founded and run the Summer Scholarship Institute to help faculty develop Research-Based Curriculum and Scholarship of Teaching and Learning projects. Proposed and then Administered SEED funding of small-scale faculty projects to stimulate research. Launched NSC's first Undergraduate Scholarship and Creative Works Conference, 2016 (continues today).
- Assisted with Strategic Planning and Assessment: Served on Provost's Strategic Planning Committee and helped draft 2015-2020 Academic Strategic Plan. Worked with Institutional Research to make data-driven decisions on initiatives with Deans, Faculty and Executive team. Served on Executive Budget Committee, reviewing requests from academic units and prioritizing for final budget decision by president. Authored and/or contributed to new policies (Instructional Leave, Workload, Promotion).
- Coordinated Efforts to Expand Grant Funding: Served as academic lead on front-end of sponsored projects: coordinate grant prospecting, grant writing and grant submission for institutional proposals and review of all other proposals. Authored institutional proposals for student support and STEM initiatives. Worked with Associate Vice President for Development and faculty on obtaining private/foundation awards for select campus initiatives.
- Served as Interim Academic Leader (in the absence of a Dean) of the School of Education 3/15-7/15 : Completed annual evaluations for nine academic faculty and two administrative faculty, ran faculty meetings, represented School needs at community and institutional meetings. Supervised TRIO Upward Bound Director (a program for 150 at risk high school students). Worked with AVP of Advancement to cultivate donations to SOE.

2011 – 2014: Department Chair (2012-14) and Co-Chair (2011), Physical and Life Sciences

- Supervised and performed annual evaluations of 8 full-time faculty, over 25 part-time faculty, 1 administrative lab coordinator and 1 classified employee as well as 1 grant supported lab manager; was responsible for all hiring and staffing; developed and monitored departmental budget; responded to student concerns, grade appeals, and departmental petitions; led ten-year program review of the Biology degree and subsequent degree changes; taught 3 classes per year.

#### 2010 – 2012: Faculty Senate Chair

- Elected by colleagues twice to preside over faculty senate during critical times in college history: the hiring of interim president, hiring of a permanent president & legislative discussion of college consolidation with other institutions due to recession.
- Elected “Chair of Chairs” by Council of Faculty Senate Chairs in the Nevada System of Higher Education (2011-12) and served as system-wide faculty liaison to the Chancellor and Regents.
- Represented faculty on Executive Budget Committee, President’s and Provost’s Councils.
- Initiated first Faculty Senate relationship with the NSC Foundation, senate chair now has regular meetings with Foundation leadership.
- Initiated first Faculty Senate Strategic Planning Committee.
- Oversaw the development of several new policies (ex: Tobacco Free Policy, Interfaith Policy and Standardized Academic Calendar) and revision of several policies (Promotion and Tenure, Academic Standing, Deployed and Deceased).

#### **Additional NSC Campus Service**

- Diversity Initiatives: Member of Diversity Coalition 2008-12 and the Diversity Taskforce 2014-2016 (including subcommittees for Campus Climate Survey and Attracting and Engaging Diverse Faculty and Staff); co-authored a special report on NSC “Recruiting and Retaining Diverse Faculty” with former president Lesley DiMare and presented it to Board of Regents.
- Assessment and Accreditation: Co-Leading Community Engagement assessment for accreditation (ongoing 2016); Served on Accreditation Self-Study Committee in 2011-12; performed 10-year program review of Biology Program (Chair) in 2013 and Outcomes Assessment for Biology in 2008, 2010 (chair), 2012 (chair)
- Nevada System of Higher Education (NSHE) policy committees: Member of the Taskforce on Intellectual Property Policy and the Access and Affordability committee.
- Conference Planning: Nevada Online Learning Consortium conference held in June 2016 (Academic Lead), NSC Undergraduate Research and Creative Works Conference April 2016 (Primary Organizer) and the NSHE-sponsored Council of Undergraduate Research (CUR) Conference September 2014 (Conference Planning Committee).
- Faculty Senate Committee participation: Elections Committee (chair), Adjunct Faculty Relations Committee (chair), Promotion and Tenure, Academic Affairs, Fiscal Affairs, Bylaws, Facilities and Campus Planning, Strategic Planning Committee
- Search Committee participation: NSC Presidential Search, Student Activities Manager, Career Services Director (2x), Center for Teaching and Learning Excellence Director, Nepantla Director (chair), Chemistry faculty (2x, chaired both), Math faculty, Math Education faculty, Biology faculty (3x, chaired twice), Business faculty, and Science Lab Coordinator
- Campus Committee Membership: Executive Budget Committee, iNtegrate Steering Committee, Sponsored Projects Taskforce, Legislative Working Group.

#### **AWARDS and HONORS**

- 2019: Nominated for Goucher College’s Staff Excellence Award

- 2016 – 2017: Accepted into American Association of State Colleges and Universities (AASCU) Becoming a Provost Academy
- 2016: Nevada State College iTeach award in Heritage for work on the inaugural Climate Survey
- 2015: Western Academic Leadership Academy, selected by the Western Interstate Commission for Higher Education (WICHE). Boulder, Colorado.
- 2014: Nevada Women of Distinction Award - Science, Technology, Engineering and Mathematics, Nevada Chapter of the National Association of Women Business Owners
- 2013: Nevada State College iTeach award in Economic Development for work to expand science industry in NV and build STEM career preparedness among NSC students.
- 2013 and 2012: Nevada State College Technology Fellowship Institute awardee, selected for incorporation of technology into gateway courses to improve learning and retention.
- 2012: Project Kaleidoscope Summer Leadership Institute, selected by the Association of American Colleges and Universities (AAC&U). Baca, Colorado.
- 2001: NCAA Postgraduate Fellowship Award
- 2001: Phi Beta Kappa

## **PEER-REVIEWED PUBLICATIONS**

Sharp, G., Barber, D., Benson, W., Round, J., **Cresiski, R.H.** (under review by *Journal of the First Year Experience and Students in Transition*). A comparison of undergraduate students' perceptions of graduate school admissions criteria at a public access college and private selective college.

**Cresiski, R.H.**, Ghent, C., Rutledge, J., Carter-Veale, W. Aumiller, J., Bertot, J., Enekwe, B., Golemewski, E., Medina, Y., Scott, M. (under review for *Frontiers in Psychology*). Community case study: Developing a university system model to diversity faculty in the biomedical sciences.

Culpepper, D., Reed, A., Enekwe, B., Carter-Veale, W., LaCourse, W.R., McDermott, P., & **Cresiski, R.H.** (under review for *Frontiers in Psychology*). A new effort to diversify faculty: Postdoc-to-tenure track conversion models.

**Cresiski, R.H.**, Shi, Q., Thanki, S., and Navarrete, L. (2021). Impacts of undergraduate research on students at a teaching-oriented college: seniors' perspectives and approaches to consider. *Journal of the Scholarship of Teaching and Learning*. 21(1):131-151.

**Cresiski, R.H.** & Lenkowski, J. (2020). Using zebrafish in a developmental biology lab course to explore interactions between development and the environment. *CourseSource*.  
<https://doi.org/10.24918/cs.2020.20>

Hignite, L., Yao, R., Brautbar, S., & **Cresiski, R.H.** Designing and implementing an effective college internship program. (2014). In Dominguez, N. & Gandert, Y. (Eds.). *7th Annual Mentoring Conference Proceedings: Developmental Networks: Mentoring & Coaching at Work*. University of New Mexico.

**Cresiski, R.H.** (2014). Undergraduate bioinformatics workshops provide perceived skills. *Journal of Microbiology & Biology Education*, 15(2): 292-294

Sharp, G., Yao, R., Hahn, K., & **Cresiski, R.H.** (2013). Boundary issues in undergraduate psychology field experience courses. *Psychology Learning and Teaching*. 12(13): 266-74.

**Cresiski, R.H.** (2013). Two virtual labs to study genetic inheritance in the fruit fly. *Journal of Microbiology & Biology Education*, 14(1): 141-142.

**Herlands, R.A.**, Christensen S.R. & Shlomchik, M.J. (2008). T cell-independent and toll-like receptor-dependent antigen-driven activation of autoimmune B cells. *Immunity*. 29(2): 249-60.

**Herlands, R.A.**, William, J., Hershberg, U., & Shlomchik, M.J. (2007). Anti-chromatin antibodies drive in vivo antigen-specific activation and somatic hypermutation of rheumatoid factor B cells at extrafollicular sites. *European Journal of Immunology*. 37(12): 3339-51.

Wahl, M.L., Owen, J.A., Burd, R., **Herlands, R.A.**, Nogami, S.S., Rodeck, U., Berd, D., Leeper, D.B., & Owen, C.S. (2002). Regulation of intracellular pH in human melanoma: potential therapeutic implications. *Molecular Cancer Therapeutics*.1(8): 617-28.

## **SELECT PRESENTATIONS, POSTERS and INVITED TALKS**

(\*co-author gave presentation)

Gurganus, J.\* , **Cresiski, R.H.**, Tull, R., Rutledge, J. (2021, November). Leveraging and East-West Partnership to Broaden Participation of URM Faculty. Paper presented at the World Engineering Education Forum and Global Engineering Deans Council. Madrid, Spain.

**Cresiski, R.H.** and Patt, C., (2021, August). Faculty diversification through creating pathways and removing barriers in and out of postdoctoral positions: Two NSF AGEP consortia approaches. Oral Presentation at the NSF INCLUDES National Network Convening, virtual.

Aumiller, J., Enekwe, B., Golembewski, E., Scott, M., Rutledge J., Ghent, C., Carter-Veale, W., Bertot, J., Medina, Y., **Cresiski, R.H.** (2021, April). A state-wide university system model to diversify biomedical faculty. Poster presented at the annual meeting of the National Postdoc Association, virtual.

Enekwe, B., Scott, M., Golembewski, E., **Cresiski, R.H.**, Aumiller, J., Ghent, C., Carter-Veale, W., Bertot, J., Rutledge J. (2021, April). Developing a state-wide university system model to diversify faculty through a postdoc-to-tenure track conversion program. Oral presentation at the annual meeting of the National Postdoc Association, virtual.

**Cresiski, R.H.**, Aumiller, J., Ghent, C., Medina, Y., Bertot, J., Enekwe, B., Golembewski, E., Rutledge, J., Scott, M. (2021, June). The AGEP PROMISE Academy Alliance: A state system postdoctoral model in Maryland to diversify the biomedical sciences. Oral presentation at the 2021 AGEP National Meeting Conference, virtual.

Shope, J. and **Cresiski, R.H.** (2019, February). *An uncommon approach: Reimagining the common general education curriculum*. Presentation at the Association of American Colleges and Universities conference: Creating a 21<sup>st</sup>-Century General Education: Responding to Seismic Shifts. San Francisco, CA.

Wingenbach, E., Young, A., Lewis, L., **Cresiski, R.H.**, Donahue, J. (2018, January). *From content to inquiry: How three liberal arts colleges radically reimagined general education*. The 104<sup>th</sup> Annual Meeting of the Association of American Colleges and Universities: Can Higher Education Recapture the Elusive American Dream? Washington, D.C.

Naumann, L.\* , Yao, R.\* & **Cresiski, R.H.** (2017, June). *Leveraging undergraduate research to address meaningful campus issues*. Presentation at the Council for Undergraduate Research Conference on Undergraduate Research Collaborations. Flagstaff, NM.

Shi, Q., LeMaistre, T.\* , **Cresiski, R.**, Thanki, S. (2017, April). *Making connections to student success: big data at a small college library*. Presentation at the American Educational Research Association National Conference. San Antonio, TX.

Shi, Q., **Cresiski, R.**, Scinta, T., Le, J., & Thanki, S. (2017, April). *Underrepresented seniors' participation in high-impact practices and student success*. Presentation at the American Educational Research Association National Conference. San Antonio, TX.

**Cresiski, R.**, Scinta, T., Thanki, S.\* , Shi, Q., Haney, M., Yao, R., & Le-Nguyen, J. (2017, January). *Undergraduate research: Not just for research universities*. Paper presented at the annual meeting of Hawaii International Conference on Education (HICE). Honolulu, HI.



Barber, D.\*, Benson, W., Sharp, G. **Cresiski, R.**, & Round, J. (2017, January). *Undergraduate students' perceptions of factors affecting acceptance into graduate programs: differences in accuracy based on type of undergraduate institution and race*. Poster presented Conference on Academic Research in Education (CARE). Las Vegas, NV.

Haney, M.\*, Thanki, S., Shi, Q., **Cresiski, R.**, & Le-Nguyen, J. (2017, January). *Does financial aid matter? An examination of Pell Grants and underrepresented students' performance*. Paper presented at the annual meeting of Hawaii International Conference on Education (HICE). Honolulu, HI.

Beck, E., Thanki, S., Scinta, T., **Cresiski, R.**, & Shi, Q. (2016, April). *Closing equity gaps: student support services that matter*. Oral presentation at the American Educational Research Association National Conference. Washington, DC.

**Cresiski, R.H.**, Mason, T., Heavey, C.L, Gonzalez, F., Harper, L. (2016, March). *Education: the common denominator*. Panel Presentation at the Convene for Green Sustainability Summit. Las Vegas, NV.

Beck, E., Scinta, T., Thanki, S. **Cresiski, R.**, Shi, Q., and Le, J. (2016, January). *Senior student overall satisfaction and its relationships with engagement and perceived gains: an examination of NSSE 2013*. Oral presentation accepted for the Hawaii International Conference on Education. Honolulu, HI.

Thanki, S. & **Cresiski, R. H.** (2015, October). *SQL, Tableau and Student Success*. Oral presentation at Rocky Mountain Association for Institutional Research. Las Vegas, NV.

Qadir, A., Villa, J., Law, Q., and **Cresiski, R.H.** (2013, May). *Characterization of the *Periplaneta americana* immune response using image-based flow cytometry*. Poster presented at the American Association of Immunologists National Conference. Honolulu, HI.

**Cresiski, R.H.** (2013, April). *Creating a technologically prepared workforce*. Oral presentation at the Southern Nevada Biology and Technology Entrepreneurs Event, Las Vegas, NV.

Kebede, K., **Herlands, R.A.** (2011, July). *Rheumatic Disease and Complications in Surgical Treatment*. Oral presentation at the Surgical Implant Generation Network Conference. Addis Ababa, Ethiopia.

Thomson, G. Brommel, A., Robinson, G., **Herlands, R.A.**, and Kebede, K. (2011, June) *Strategic planning in Faculty Senate: An adaptation of the balanced scorecard to promote shared governance*. Oral presentation at the AAUP Conference on the State of Higher Education, Washington, DC.

Shlomchik, M.J.\*, **Herlands, R.A.**, Sweet, R.A., Giles, J., Christensen, S.R., Flavell, R., and Dillon, S. (2010, January). *How autoreactive B cells are activated*. Oral presentation delivered at the Midwinter Conference of Immunologists, Asilomar, CA.

Shlomchik, M.J.\*, Nickerson, K., Sweet, R.A., Christensen, S.R., **Herlands, R.A.** (2009, December). *Toll-like receptors and autoimmunity*. Poster presented at the 51<sup>st</sup> American Society of Hematology Annual Meeting and Exposition, New Orleans, LA.

**Herlands, R.A.** (2009, February). *Role of toll-like receptors in the activation and differentiation of autoreactive B cells in a murine model of SLE*. Poster presented at the Keystone Symposia: B Cells in Context. Taos, NM.

**Herlands, R.A.**, Christensen, S.R., Ahuja, A., and Shlomchik, M.J\*. (2008, November). *How B cells promote and regulate autoimmune disease*. Oral presentation delivered at the British Society of Immunology Annual Congress. Glasgow, Scotland.

## **COURSES TAUGHT**

- Goucher College *Note: Student evaluation avg. of 94.8 (out of 100) compared to an institutional mean of 93.5*  
Disease and Discrimination – a Complex Problem Exploration (CPE) course, part of the new Goucher Commons (general education) program. Taught in 2018 and 2019 (rating in 2019 was 98.4 out of 100, highest of all CPE courses).
- Nevada State College *Note: Student evaluation avg of 4.75 (out of 5) compared to institution mean of 4.50*  
Introductory Biology - non-majors (with Laboratory); Introductory Biology - biology majors I and II (with Laboratory); Microbiology for pre-health majors (with Laboratory); Genetics (with Laboratory); Immunology; Molecular Biology; Evolution; Advanced Topics in Molecular and Cellular Biology; Applied Topics in Microbiology; Independent Study (research for credit); First Year Experience course “My Hormones Made Me Do It: A Biological Examination of Psychological Behavior,” (included Laboratory); An Issues Approach to Biology; Disease and Discrimination (interdisciplinary course combining microbiology and social epidemiology).

## **GRANTS and FUNDRAISING**

### **Fundraising with Donors (totaling \$65,000 and donated building space)**

- 2019: Obtained \$7000 donation from a Goucher alumna for support faculty learning communities, workshops, and faculty travel to teaching conferences. Direct communication with donor through multiple in-person meetings, emails, and written proposals.
- 2019: Obtained \$8,000 donation from a Goucher alumna for increased training in problem-based learning. Communicated indirectly with donor with written proposals through a VP.
- 2015: With the AVP of Advancement, cultivated donation for a speech pathology clinical site from the Scottish Rite Foundation and \$50,000 toward an endowed student scholarship.

### **Funded Proposals Authored or Co-Authored (totaling \$1,965,516 in external funds):**

- 2017: Council of Independent Colleges: Diversity, Civility and the Liberal Arts Institute. \$1000 and group participation at an on-site institute in Atlanta, Georgia. Submitted November 2017. Author: **Robin Cresiski**.
- 2016: State of Nevada STEM Workforce Challenge Grant. \$54,476 “Horticulture Science Certificate Development through Experiential Learning on a Nevada.” Author: **Robin Cresiski**. PI: Gwen Sharp, Associate Dean of Liberal Arts and Sciences, Nevada State College.
- 2015-2020: U.S. Department of Education Regular Student Support Services proposal. \$1,100,000 over 5 years. Co-authors: **Robin Cresiski** and Tony Scinta, Nevada State College. Grant scored 105.33 out of 106 possible points.
- 2015-2016: State of Nevada STEM Workforce Challenge Grant. \$36,540. “Preparing STEM Teachers for Northern Nevada: A collaboration between Nevada State College and Western Nevada College.” Author: **Robin Cresiski**. PI: Dennis Potthoff, Dean of Education, Nevada State College.
- 2012-2015: Subaward Principal Investigator, Nevada Idea Network of Biomedical Research Excellence (NV-INBRE) grant from the National Institutes of Health-National Center for Research Resources (NIH-NCRR, 5P2ORR016464-11) and the National Institute of General Medical Sciences (8 P20 GM103440-11). Nevada State College received increasing awards, starting from \$30,000 per year and increasing to \$353,000 in 2015 to support supervision of undergraduate

research. Grant PI: Jim Kenyon, University of Nevada, Reno. Site/Subaward PI: **Robin Herlands Cresiski**, Nevada State College.

- 2014: Subaward Principal Investigator, NSF Nevada EPSCoR Summer Undergraduate Research Opportunity Program (IIA-1301726). Nevada State College was awarded \$25,500 to support 5 undergraduate students in biology and chemistry research and their 3 faculty mentors. PI: Nevada System of Higher Education Chancellor's Office Site/Subaward PI: **Robin Herlands Cresiski**, Nevada State College.

#### **Other Grants Written (unfunded):**

- 2015: U.S. Department of Education Strengthening Institutions Program proposal (\$2,349,315 over 5 years). Co-authors: **Robin Cresiski** and Gwen Sharp, Nevada State College. Grant submitted June 2015. Scored 97 out of 103.
- 2015: NSF IUSE Geopaths Extra. "GP-EXTRA: Leveraging existing infrastructure (NevCAN) to expand geoscience education in Southern Nevada- a collaboration between Nevada State College and Desert Research Institute." Co-Authors: **Robin Cresiski** and Paul Buck, Nevada State College. PI: Paul Buck. Submitted October 5, 2015

#### **Other Grant Collaborations Facilitated with Faculty or Other Institutions**

- Fulbright Hayes Grant for "Africanizing the Curriculum" (Goucher College) wrote section of the grant proposal and upon funding, led several pre-trip sessions for college and K-12 teachers to plan their research and integration of African experience into their courses.
- NIH R01 Intervention for Sustainable Testing and Retention for HIV-infected Individuals (NSC, funded 2016)
- NSF INCLUDES with UNR (NSC, submitted April 2016)
- NSF IUSE collaboration with UNLV (NSC, submitted January, 2016)
- SAMHSA Health Professions Training Grant (NSC, funded, 2015)
- HRSA HCOP with Nevada System of Higher Education (NSC, submitted 2015)
- NSF IUSE collaboration with the Gardiner Institute (NSC, submitted 2015)
- Dignity Health grant with American Lung Foundation (NSC, funded, 2015)
- NASA EPSCOR RID Seed grant (NSC, funded 2015)