

Curriculum Vitae – Richard Bradley Weart

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Contact

Grayson College
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Education

December 2007	Ph.D., Molecular Microbiology and Microbial Pathogenesis Washington University in Saint Louis Dissertation Title: Regulation of FtsZ assembly and cell division in bacteria
May 1999	B.S., Genetics, <i>Magna cum laude</i> Texas A&M University

Professional Experience

September 2012 – present	Professor of Biology Grayson College
June 2012 – August 2012	Adjunct Professor of Biology Grayson College
January 2011 – May 2012	Adjunct Professor of Biology Collin College
January 2008 – Feb 2010	Postdoctoral Fellow Massachusetts Institute of Technology
August 1999 – May 2000	Research Technician Texas A&M University

Awards

2008	Nat L. Sternberg Prize - Best thesis in prokaryotic molecular genetics
2009	Ruth L. Kirschstein Fellow, National Institutes of Health (National Institute of General Medical Science, 1F32GM087072-01)

Professional Societies

1997, 2005	American Association for the Advancement of Science
2002 – 2009, 2017	American Society for Microbiology
2012 to present	Texas Community College Teachers Association
2012 to present	Grayson College Faculty Association

Teaching Responsibilities

Grayson College, Denison, TX

- Anatomy and Physiology I – laboratory and lecture (F2012 to present)
- Microbiology – laboratory and lecture (F2012 to present)

Collin College, Plano, TX

- Biology I – laboratory and lecture (S2011 to S2012)

Washington University, Saint Louis, MO.

- Microbiology – teaching assistant (two semesters)

Other Faculty Responsibilities

Grayson College, Denison, TX

- Anatomy and Physiology I faculty coordinator (F2013 to S2018)
- Microbiology faculty coordinator (F2018 to present)
- Science club co-sponsor (S2014, F2014)
- Success Data Committee (F2014, S2015)
- Course Completion Taskforce (S2015, F2015)
- Loan Default Taskforce (S2016 to present)
- Safety Taskforce (S2016, F2016)
- CAMS Taskforce (S2016)
- Faculty Association President-elect (F2015, S2016)
- Faculty Association President (F2016, S2017)

Publications

Haeusser D.P., Lee A.H., **Weart R.B.**, and Levin P.A. (2009) ClpX inhibits FtsZ assembly in a manner that does not require its ATP hydrolysis-dependent chaperone activity. *Journal of Bacteriology*. 191(6):1986-91.

Weart R.B., Lee A.H., Chien A.C., Haeusser D.P., Hill N.S., Levin P.A. (2007) A metabolic sensor governing cell size in bacteria. *Cell*. 130(2):335-47.

Weart R.B. (2007) Regulation of FtsZ assembly and cell division in bacteria. Dissertation, Washington University in Saint Louis. *Proquest/UMI*. AAT 3299984.

Weart R.B., Nakano S., Lane B.E., Zuber P., Levin P.A. (2005) The ClpX chaperone modulates assembly of the tubulin-like protein FtsZ. *Molecular Microbiology*. 57(1): 238-49.

Weart R.B. and Levin P.A. (2003) Growth rate dependent regulation of medial FtsZ ring formation in *Bacillus subtilis*. *Journal of Bacteriology*. 185: 2826-34.

Cantwell B.J., Draheim R.R., **Weart R.B.**, Nguyen C., Stewart R.C., Manson M.D. (2003) CheZ phosphatase localizes to chemoreceptor patches via CheA-short. *Journal of Bacteriology*. 185(7): 2354-61.