

# Career Center

## Research Postdoc Application Example CV

Gaius was searching for an academic research postdoc, so his CV focuses on his academic credentials and research accomplishments

### Gaius M. Baltar

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### EDUCATION

- Doctor of Philosophy in Molecular Genetics & Microbiology, Duke University, Durham, NC Expected May 2017
- Dissertation: Investigating host cellular dynamics of *Chlamydia trachomatis* inclusion
  - Certificate in College Teaching
- Bachelor of Science in Biology, University of Oregon, Eugene, OR May 2011

### RESEARCH EXPERIENCE

- Graduate Researcher, Duke University, Laboratory of Raphael Valdivia, PhD Feb 2012-Present
- Course Participant, Analytical and Quantitative Light Microscopy, Marine Biological Laboratory, Woods Hole, MA Jul 2015
- Laboratory Technician, Citizen's Monitoring Program, University of Delaware, Lewes, DE May 2011-Jul 2012
- Undergraduate Researcher, University of Oregon, Laboratory of Hank Pym, PhD Aug 2009-May 2011

### PUBLICATIONS

- Baltar GM**, Valdivia RH. Differential translocation of host cellular materials into the *Chlamydia trachomatis* inclusion lumen during chemical fixation. PLoS ONE, in review.
- Baltar GM**, Dunn JD, Nguyen BD, Barker JR, Valdivia RH. Integrating chemical mutagenesis and whole-genome sequencing as a platform for forward and reverse genetic analysis of Chlamydia. Cell Host & Microbe 2015; 17: 716-25.  
\*Highlighted in Nature Reviews Microbiology, doi:10.1038/nrmicro3495
- Snaveley EA\*, **Baltar GM\***, Dunn JD, Saka HA, Nguyen BD, Valdivia RH. Reassessing the role of the secreted protease CPAF in *Chlamydia trachomatis* infection through genetic approaches. Pathog Dis 2014; 12: 2244-52.  
\*co-first authors
- Baltar GM**, Valdivia RH. Cell Biology of the Chlamydial Inclusion. In Intracellular Pathogens I: *Chlamydiales*, Tan M, Bavoll PM, eds. (Washington, DC: ASM Press), pp. 170-91.
- Rabbitts BM, **Baltar GM**, Miller NE, Hermann GJ. glo-3, a novel *Caenorhabditis elegans* gene, is required for lysosome-related organelle biogenesis. Genetics 2011; 180: 857-71.

### PRESENTATIONS

- Baltar GM**, Valdivia RH. F-actin and Golgi rearrangement around the Chlamydia inclusion is mediated by the bacterial protein InaC. Oral presentation and poster. American Cell Biology Meeting 2016.
- Baltar GM**, Valdivia RH. Actin and Golgi re-organization around the *Chlamydia trachomatis* inclusion is mediated by the Arf and 14-3-3 recruiting bacterial effector InaC. Poster. Microbial Toxins & Pathogenicity Gordon Research Seminar and Conference 2014.
- Baltar GM**, Valdivia RH. Host and bacterial factors mediate cytoskeletal rearrangements at the surface of the *Chlamydia trachomatis* pathogenic vacuole. Oral presentation. American Society for Cell Biology Annual Meeting 2013.

### HONORS AND AWARDS

Jo Rae Wright Fellowship for Outstanding Women in Science, Duke University

2015-2016



Fellowships and grants can also be in their own section if you want to highlight them

Oral Presentation Award, Departmental Retreat, Duke University	May 2015
Bass Instructional Fellowship, Duke University	Jan 2015
Predoctoral Fellowship, American Heart Association, #12PRE7365530	2012-2014
Meritous Research Travel Award, Duke University	Mar 2014
Preparing Future Faculty Fellowship, Duke University	2012-2013
Biology Award, awarded to the student who "best combines several qualities: outstanding academic work; involvement in biological research; and service to the department," Biology Department, University of Oregon	May 2011

### SERVICE

Ad Hoc Reviewer, PLoS One	Jul 2016-Present
Contributing Member, Cell and Molecular Biology Career Development Committee, Duke University	Aug 2014-Present
Trainee Representative, Academic and Industry Research & Development Leaders Roundtable Discussion and Dinner, Rockefeller University	Jun 2014
Contributing Member, Cell and Molecular Biology Student Recruiting Committee, Duke University	Jan 2013-May 2015

### TEACHING EXPERIENCE

Instructor, Cell and Molecular Neurobiology, Duke University	Jan 2015-May 2015
Instructor, Females Excelling More at Math, Engineering and Science Capstone Event, Duke University	Apr 2015
Guest Lecturer, "Intracellular vesicular trafficking," Cell and Molecular Biology Course, Elon University, Elon, NC	Mar 2013
Teaching Assistant, Genetics & Evolution, University of Oregon	Aug 2009-Dec 2009

### MENTORING

Erika Snavelly, Duke graduate student, published paper together	2011-Present
Dora Positano, Duke undergraduate student	May 2014-Aug 2014

### PROFESSIONAL AFFILIATIONS

Trainee Member, American Society of Microbiology	Feb 2012-Present
Member, Society for Cell Biology	Sep 2014-Present

Brief description of service and teaching experiences without much detail