

# John Doe

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## EDUCATION

- Texas A&M University**, College Station, TX Aug 2009  
Ph.D., Biochemistry; GPR 3.93  
Dissertation: "Title"  
Advisor: Dr. Z. Smith
- Big State University**, Middletown, TX Aug 2004  
M.S., Chemistry, GPR 3.89  
Thesis: "Title"
- B.S., Pharmacy Jul 1999

## RESEARCH INTERESTS

Biochemistry, Pharmaceuticals, Optical Imaging

## RESEARCH EXPERIENCE

*Research Assistant*, **Big State University**, Middletown, IN Aug 2004- present

- Incorporated Tryptophan (Trp) Analogs into the Phosphofructokinase from *Bacillus stearothermophilus* (BsPFK).
- Studying the mechanisms of a chemotaxis system (Transmembrane Serine Receptor, Tsr) in *Escherichia coli*.
- Measured ligand-binding properties (dissociation constant and stoichiometry) of the periplasmic domain of Tsr using both fluorescence spectrometry and isothermal titration calorimetry.
- Determined the oligomeric state of periplasmic domain of Tsr using analytical ultracentrifugation and analytical gel filtration.
- Developed a spectrophotometric method using proteins on native cell membrane.
- Studied the inhibition effect of ligand-bound Tsr on a complexed histidine kinase activity using coupled enzyme activity assay and radioactive assay.

### Dissertation: "Title"

Advisor: Dr. Z. Smith

- Analyzed the effects of X on Y
- Utilized X processes...
- Key contributions:
  - 1) Contribution A
  - 2) Contribution B
- Findings: (*this should be the part that tells them about the significance of your study—what did you accomplish?*)

### Master's Thesis: "Title"

Advisor: Dr. X Smith

- Analyzed the effects of X on Y
- Utilized X processes...
- Findings:

## TEACHING EXPERIENCE

**Dept. of XXX, University of XXX**

Fall 2005 – Spring 2006

*Teaching Assistant*

- Assisted with XXX course
- Prepared all lectures and exams; evaluated student performance and assigned grades
- Implemented new field research experience for senior level course

*Guest Lecturer*

- Lectured in XXX course in professor's absence; 3 times during the semester

## PUBLICATIONS

*Published*

Author, First, Second Author. 2007. "Title." *Journal* 99:112-120.  
(use whatever style your dissertation uses for references)

*Submitted*

(articles that you have sent to journals for review)

*In Preparation (or In Progress)*

(papers you are currently and actively working on)

## CONFERENCE PRESENTATIONS

**American Biophysics Association Annual Meeting**, New York, NY, Feb 2008

Poster: "Purification and Characterization of the Periplasmic Domain of Serine Chemoreceptor"

**The Center for the Study of Biochemistry**, Noname, TX, August 2007

Poster: "Purification and Characterization of the Periplasmic Domain of Serine Chemoreceptor"

**Regional Professional Association**, New Orleans, LA, August 2006

Poster: "Incorporation of Tryptopan (Trp) Analogs into the Phosphofructokinase from *Bacillus stearothermophilus* (BsPFK)"

## GRANTS, HONORS & AWARDS

Grant Z

Fellowship A

Scholarship B

## OTHER EXPERIENCE (or INDUSTRIAL EXPERIENCE)

*Intern, Joe Jones Company*, Wichita, KS

Jun 2004 – Jun 2006

- Implemented...
- Managed...
- Analyzed...
- Designed...

## SKILLS

**Language:**

- Fluent in.....; Basic .....

**Computer:**

- C++, HTML, Perl, SAS, Stata, GIS, etc.
- MS Office

**Scientific:**

- Proficient in...
- Familiar with...

**PROFESSIONAL MEMBERSHIPS**

American Society of Biochemistry  
Southern Association of Biochemistry

**REFERENCES**

Dissertation Advisor:

*Dr. Mary Brown*, Associate Professor

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Texas A&M University

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*Dr. Jane Smith*, Professor

Dept. of \_\_\_\_\_

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*Dr. Ronald McDonald*, Associate Professor

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