

# CHRISTOPHER ZAPPA

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Pittsburgh, PA 15260  
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412-123-4567

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**OBJECTIVE:** Seeking a biostatistician position in industry.

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## SUMMARY OF QUALIFICATIONS

- Both theoretical and application knowledge of statistical analysis for variety of data, such as longitudinal data, survival analysis. Familiar with many statistical models including generalized linear model, discrete survival model, mixed model, GEE, etc.
  - Proficient with R and SAS, Familiar with STATA software.
  - Hand on experience in Microarray data (such as Affymatrix, illumina, Agilent microRNA data) analysis using R packages, including limma, maANOVA, AgiMicroRna, lme, nlme, and so on.
  - More than 7 years biomedical research experiences and more than one year of management experience in a research lab
  - Outstanding research achievements with ten publications.
  - Motivated hard worker and quick learner, proven ability to work independently or in a team
  - Adept and experienced in problem solving and providing solutions.
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## EDUCATION

### M.S. in Biostatistics

Expected in May 2015

Department of Biostatistics, Graduate School of Public Health  
University of Pittsburgh, PA, USA

*Thesis: Multiple imputation analysis for incomplete data in a NSABP C-06 clinical trial*

### Ph.D in Biophysics

1998-2003

Department of Biological Science & Biotechnology  
Tsinghua University, Beijing, China;

### B.S. in Biological Science & Biotechnology

1993-1998

Dept. of Biological Science & Biotechnology, Tsinghua University, Beijing, China.

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## PROFESSIONAL EXPERIENCE

### Research Associate

March 2014-Present

*Magee Womens Research Institute, University of Pittsburgh Medical Center, Pittsburgh, PA*

- Perform microarray data analysis using R packages. Data include Affymatrix, illumina, micorRNA data, the statistical methods include linear mixed model, ANOVA, generalized linear model, permutation test, clustering, etc.
- Perform statistical analysis of RT-PCR, using linear mixed model, multidimensional scaling (MDS), clustering, etc.
- Perform statistical analysis of other biomedical data, using non-parametric analysis such as Mann-Whitney, Fisher exact analysis, and parametric analysis such as t-test, F test, ANOVA, etc.
- Write report for the analysis result. Communicate with people who don't have statistics experience.

**Lab Manager**

March 2011-May 2012

*Cardiovascular Research Center (CVRC), University of Virginia, Charlottesville, VA*

- Performed the research project: the effect of expression level of fibronectin on the cardiovascular disease.
- Trained and supervised more than 4 people in the lab with molecular biology techniques, including cloning, PCR, mutagenesis, western blot.

**Research Scientist**

2008-2011

*Microbiology department & Biology department, University of Virginia, Charlottesville, VA*

- Participated in key projects that resulted in the discovery of new subset of plasmacytoid-dendritic cells, which have an important role in resisting autoimmune-disease.
- Achieved the successful study of the function of a drosophila gene *inturned*, which encodes a novel protein that has previously been shown to function as a downstream component of the *frizzled* pathway in the wing.
- Provided guidance and mentoring to more than 10 research students and research trainees at various levels of experience.

**Research Associate**

2004-2008

*Biochemistry and molecular genetics department, University of Virginia, Charlottesville, VA*

- Participated on the structural and functional study of a yeast transcriptional factor, Mot1. Recorded day-to-day results of research.
- Performed molecular biology experiments, DNA and RNA purification and biochemical assays.
- Culture insect cells and purify protein from cells.
- Worked in conjunction with other researchers in completing work and publishing an article.

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**PROFESSIONAL PUBLICATIONS**

1. Ram Patel, **C. Zappa**, et al. Sample Publication Title. *Genetics*. 2005 Oct; 171(2): 625-38
2. Repeat format.
3. Repeat format.
4. Repeat format.

**ABSTRACTS for CONFERENCES**

- **C. Zappa**, Ram Patel, Maria Gomez, John Smith. Sample Publication Title, 46th Annual Drosophila Research Conference, Chicago, IL, USA, 2007
- Repeat format.
- Repeat format.

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**PROFESSIONAL MEMBERSHIPS**

- American Statistical Association (ASA) 2013-Present
- Genetics Society of American (GSA) 2006-2012
- Chinese Biopharmaceutical Association (CBA) 2005-Present

## REFERENCES

- Professor Example 1  
Chair, Department of Biostatistics  
Thesis Advisor  
University of Pittsburgh Graduate School of Public Health  
Department of Biostatistics  
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- Professor Example 2  
*Follow formatting above*
- Professor Example 3  
*Follow formatting above*