

# Medical Student

1535 Health Avenue  
Bethlehem, PA 18017

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## EDUCATION

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### Wagner College

**Bachelors of Science**, *summa cum laude*

- ❑ Major: Biology
- ❑ Minor: Chemistry

**Graduation Date: May 2003**

**Cumulative GPA: 3.95**

## HONORS AND AWARDS

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- ❑ Wagner College Honors Program
- ❑ H. Richard Hoff, M.D. Scholarship
- ❑ Wagner College Dean's Scholarship
- ❑ Omicron Delta Kappa National Foundation Scholarship
- ❑ Dr. Norbert H. Leesberg Scholarship for Graduate Studies
- ❑ Staten Island DaVinci Society Venetian Travel Scholarship
- ❑ Dr. Norman L. Freilich Memorial Award
- ❑ Biological Sciences Departmental Award
- ❑ Wagner College Award for Academic Excellence
- ❑ Wagner College Prospective Viewbook Featured Student
- ❑ Wagner College's Outstanding Senior Academic Achievement Award
- ❑ Wagner College Dean's List (eight semesters)

## TRANSLATIONAL RESEARCH EXPERIENCE

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### Stanford University School of Medicine

**Jun 2003 – Aug 2003**

*Summer Research Fellow*

- ❑ Isolated a protein that binds to the RIPE3-B promoter sequence of the insulin gene.
- ❑ Ascertained levels of production at key stages of pancreatic development using PCR.
- ❑ Demonstrated localization through *in situ* hybridization.

### Harvard Medical School

**May 2002 – Aug 2002**

*Summer Research Fellow*

- ❑ Characterized the uptake of transferrin bound iron through the TfR-2 pathway.
- ❑ Screened chemical libraries for pharmacological compounds able to differentially inhibit TfR-2 endocytosis.
- ❑ Designed mechanisms of investigation and experimental procedures.

### University of Pittsburgh

**Jun 2001 – Aug 2001**

*Summer Research Fellow*

- ❑ Examined the colocalization and ubiquitination of AP-2 associated accessory proteins required for the assembly of clathrin-coated vesicles.
- ❑ Performed, analyzed and presented results of cellular, molecular and biochemical experiments.
- ❑ Created the laboratory web page.

## CLINICAL RESEARCH EXPERIENCE

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### Albert Einstein College of Medicine

**Nov 2000 – May 2001**

*NYC Health Department Research Trainee Fellow*

- ❑ Designed a survey instrument, performed data collection and analysis, drafted a manuscript and present results illustrating the use of alternative medicine by pediatric patients with developmental disabilities.

### St. Luke's Hospital Research Institute

**May 2000 – Feb 2002**

*Research Intern*

- ❑ Implemented and measured the effect of a change in standard operating procedure to monitor vascular bleeding complications amongst cardiac catheterization patients.

**Staten Island University Hospital M.S. Center**

**Aug 2001 – Dec 2001**

*Research Intern*

- Enrolled Multiple Sclerosis patients in a long-term study tracking disease progression.

**Eger Nursing Home**

**Aug 1999 – Dec 1999**

*Research Student*

- Conducted, co-authored and presented a study correlating frequency of church service attendance to depression rates amongst the facilities' residents.

**TEACHING EXPERIENCE**

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**Curtis High School Minority Student Mentorship Program**

*Junior Mentor*

**Wagner College Peer Tutoring Center**

*Biology, Chemistry, Physics, Anthropology, Study Skills Tutor*

**Wagner College Writing Center**

*Peer Composition and Writing Tutor*

**Peer Leader for Freshman Undergraduate Students**

**CONFERENCE PRESENTATIONS**

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**Fulbright Kommission's 50<sup>th</sup> Annual Berlin Meeting**

"Curing Diabetes with Gene Therapy: Successes and Opportunities"

**Harvard School of Public Health Laboratory Retreat**

"Transferrin Receptor-2 and its Trafficking"

**34<sup>th</sup> Annual Meeting of the Metropolitan Area Council of University Biologists**

"Ubiquitination of Clathrin-Coated Vesicle Associated Proteins"

**National Conference on Peer Tutoring in Writing**

"Writing as the Center of the First Year College Experience"

**Wagner College's Presidential Inauguration Ceremony**

"Reflective Practice and Connected Learning: The Senior Program at Wagner College"

**PUBLICATIONS**

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Beletti D., Arcona S, Reed JF 3rd. Improving guideline compliance: assessment of unit-based reminder for monitoring platelet counts post-PCI. *Journal of Healthcare Quality* 2002 24(1) 9-14.

Lastname, RB. The Role of Accessory Proteins in Clathrin Mediated Endocytosis and their Degredation through the Ubiquitin Interacting Motif. *In Vivo* 23(2) 15.

Departmental Thesis: Biochemical Mechanisms of Iron Uptake, Transport and Regulation.

- Presentation and Defense: December 2, 2002

Honors Thesis: Biological Determinants of Human Sexuality.

- Presentation and Defense: April 26, 2003

Wagner College's *Kalista* Yearbook, Senior Editor

Freedom High School's *Spirit* Yearbook, Editor-in-Chief