1995	Teaching Fellow: Immunology, Microbiology and Infectious Disease Taught to medical students at Harvard Medical School
1994	Teaching Assistant: Principles of Genetics Taught to graduate students at Harvard Medical School

Publications and Presentations:

Lindner A.B., Madden R. Demarez A., **Stewart E.J.**, Taddei F. (2005) Asymmetric segregation of protein aggregates is associated with cellular aging and rejuvenation. **Submitted**.

Stewart E.J., Madden R., Paul G., Taddei F. (2005) Aging and Death in an Organism that Reproduces by Morphologically Symmetric Division. ***PloS Biol***, **3**(2): e45.
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Stewart E.J., Madden, R., Taddei F., Radman M., (2002) The causes of death in *Escherichia coli*: chance or necessity? **Poster** presented at Genetics and Genomics of Microbial Systems, April 12-15 2002. Prieuré St. Lazare, Fontevraud l'Abbaye, France. Also presented at the 2nd International Conference on Analysis of Microbial cells at the Single Cell Level, June 2-4, 2002. Vejle, Denmark

Stewart E.J., Katzen F., Beckwith J., (1999) Six conserved cysteines of the membrane protein DsbD are required for the transfer of electrons from the cytoplasm to the periplasm of *Escherichia coli*. ***EMBO J.*** **18**(21): 5963-5971
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Stewart E.J., Åslund F., Beckwith J., (1997) The last of the *E. coli* thioredoxins. **Poster** presented at the Molecular Genetics of Bacteria and Phages 50th anniversary meeting. Madison, WI

Murphy C.K., **Stewart E.J.**, Beckwith J., (1995) A double counter-selection system for the study of null alleles of essential genes in *Escherichia coli*. ***Gene*** **155**(1): 1-7
http://dx.doi.org/10.1016/0378-1119(94)00920-N

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Education:

1991-1999 **Harvard University**
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1987-1991 **Pennsylvania State University**
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1983-1987 **Fort Le Boeuf High School**
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Professional Experience:

1999–2005 **Post-doctoral Fellow, Young Investigator**
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Laboratory of Prof. Miroslav Radman
Mechanisms of aging and death in *Escherichia coli*

1991-1999 **Graduate Student/Research Assistant**
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Dept. of Microbiology and Molecular Genetics
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Laboratory of Prof. Jon Beckwith
Disulfide bond metabolism in *Escherichia coli*

1991 **Clinical Assistant in Microbiology**
Associated Clinical Laboratories
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1990-1991 **Scholars Program Undergraduate Researcher**
Pennsylvania State University
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Laboratory of Prof. Robert Bernlohr
Elongation Factor Tu in starvation signaling in *E. coli*

Fellowships and Awards:

2005 **INSERM** *Poste Blanc* National Institute of Health and Medical Research - Young Investigator (*Jeune chercheur*)
U571: Evolutionary and Medical Molecular Genetics
Institut National de la Santé et de la Recherche Médicale

2004 **Necker Institute** Research Associate
Aging and death in *Escherichia coli*, an Organism that Reproduces by Morphologically Symmetric Division

2002-2003 **FRM** Post-doctoral Fellowship
The causes of death in *Escherichia coli*: chance or necessity?
Fondation Pour La Recherche Médical

2000-2002 **EMBO** Long-term Post-doctoral Fellowship
Oxidative damage and the causes of molecular misreading
European Molecular Biology Organization

1999 **CNRS** *Poste Rouge* (National Research Associate)
Oxidative damage and the causes of molecular misreading
Centre National de la Récherche Scientifique

1993-1994 **NIH** National Research Service Award
Regulation of Gene Expression in Prokaryotes and Eukaryotes
National Institutes of Health

1991-1992 **NIH** National Research Service Award
Molecular Biology of Animal Cell Growth Factors
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1991 Awarded Honors and Distinction with Diploma in Microbiology
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Teaching Experience:

2004 Instructor: CEMRACS (Summer Mathematical Research Center on Scientific Computing and Its Applications: *Mathematics and Applications in Biology and Medicine*), Luminy, France

1996 Teaching Fellow: Mechanisms of Microbial Pathogenesis
Taught to medical students at Harvard Medical School