

## Dana A. Carey, Ph.D.

[dacarey@intra.nida.nih.gov](mailto:dacarey@intra.nida.nih.gov)

566 Trumble Lane, Apt. 6

Towson, MD 21286

919-267-9483 (cell)

443-502-8865 (office)

List only phone numbers where you are comfortable being reached—and if you list a lab number, let everyone know you might get a call!

### PROFILE

This profile is well-written & descriptive. Can also be done with bullet points.

Postdoctoral research scientist with experience in human genetics, molecular biology, and *in vivo* models of neuropathology within collaborative laboratory environment. Publication record includes generation and analysis of novel mouse model of Alzheimer's disease. Seeking an opportunity as Ph.D. scientist within a dynamic company with specific interests in drug discovery for human disease research.

### EDUCATION

**Case Western Reserve University** **Cleveland, OH** **2005**

- Ph.D., Department of Genetics
- Bruce Lamb, advisor
- Thesis title: "β-secretase Transgenic Mice: Effects of BACE1 and BACE2 on Alzheimer's Disease Pathogenesis," CWRU/OhioLINK Publisher, 2006.

**Loyola University Chicago** **Chicago, IL** **1999**

- Bachelor of Science, Biology major
- Graduated *Magna Cum Laude*
- Phi Beta Kappa, Alpha Sigma Nu (Elected President)

Watch for errors (different font size here)

### RESEARCH EXPERIENCE

#### Postdoctoral Fellow

**June 2007 – present**

*National Institute on Drug Abuse—Molecular Neuropsychiatry Branch Baltimore, MD*  
*NIH Intramural Research Program*

- Characterized neurotrophic factors using gene delivery via adeno-associated virus vectors for neuronal protection in Parkinson's disease project
- Designed and characterized siRNA-mediated gene knockdown project
- Supervised and managed project progress through NIH-sponsored high school student research training program

Make sure dates line up (too far left)

Nice use of spacing and bullet points, easy to read. Be sure not to use font smaller than 11 pt. (used here for job descriptions)

#### Postdoctoral Fellow

**May 2005 – May 2007**

*National Institute on Drug Abuse – Molecular Neurobiology Branch* *Baltimore, MD*  
*NIH Intramural Research Program*

- Identified and validated polymorphisms associated with polysubstance abuser populations
- Performed haplotype association tests using computational methods to verify drug addiction vulnerability association
- Analyzed allelic expression of associated genes in substance abuser population
- Characterized isoform-specific expression in Alzheimer's disease post-mortem brain tissue

Be sure to list your name and page number on every page

**Department of Genetics Ph.D. Graduate Program August 1999-March 2005**

Watch for errors! (different font used here)

*Case Western Reserve U. – School of Medicine Cleveland, OH*

- Generated and managed genomic-based  $\beta$ -secretase transgenic mouse lines
- Analyzed protein processing products in transgenic mice using biochemical methods
- Coordinated the analysis of neuropathological phenotypes
- Trained and supervised undergraduate/graduate students to cover various branches of research directives

No need to list same year twice

**Howard Hughes Undergraduate Research Fellow**

**June 1998-August 1998**  
Iowa City, IA

*University of Iowa – Advisor: Pamela Lee, Ph.D.*

- Identified and characterized plasmids for sub-cloning project using *Drosophila melanogaster* “insulator” sequences
- Tutored high school students as part of Biology for High School Students summer tutoring program

City and state are helpful (as listed here) but street and zip are unnecessary

**SKILLS**

Excellent! Employers look for this, so list every technique you know. Main heading could also be “Technical Skills” (or “Laboratory Skills,” if only one skill set is highlighted)

Laboratory Skills:

- In vitro* cell culture for maintenance of cell lines and assay analysis, immunocytochemistry
- In vivo* methods including animal rearing and surgeries, stereotaxic injections, immunohistochemistry, microscopy analysis
- Biochemical methods including Western blots, ELISAs, and RNA expression assays
- Molecular biology methods such as sub-cloning, PCR amplification, large-scale bacterial preps, Southern blotting, and plasmid characterization
- SNP and microsatellite marker genotyping techniques including allele detection by Sequenom, SNaPshot, and Genescan

Computer Skills:

- Haplotype association programs including Haplotyper, PHASE and linkage disequilibrium analysis program GOLD
- Molecular biology mapping tools: DS Gene, Vector NTI, MacVector, Sequencher
- Statistical/imaging software: GraphPad Prism, ImagePro Plus, Qcapture imaging
- General software: Adobe Photoshop; Unix; Filemaker Pro; Microsoft Office

**AWARDS**

More details would be helpful (Place? Number of applicants?)

<b>Fellows Award for Research Excellence Competition</b>	<b>2007</b>
<b>NIH Cell &amp; Molecular Biology Training Grant – competitive slot</b>	<b>2001-2004</b>
<b>Outstanding Performance, Graduate Student Symposium Poster Competition</b>	<b>2003</b>

**PROFESSIONAL SERVICE**

Watch case (uppercase fine for 1st letter, all rest lower case)

Cell & Molecular Biology Training Grant Seminar Series  
Organized, Planned, Scheduled Guest Speakers for year-long series

**2002-2003**  
*Case Western ReserveU.*

Cell & Molecular Biology Training Grant Student Symposium  
Planned, organized and coordinated research symposium

**2001**  
*Case Western ReserveU.*

Using bullets for job descriptions here would make it easier to find information and to read. Great demonstration of leadership, organizational, and teamwork skills.

Insert spaces

Genetics Graduate Student Council  
Graduate student liaison, planned end-of-year symposium

2000  
*Case Western Reserve U.*

## PUBLICATIONS

Carey, D.A., B.K. Harvey, Y. Wang, and B.J. Hoffer. "Neurotrophic Factors for the Treatment of Parkinson's Disease." *Parkinsonism & Related Disorders* **Proceedings Parkinson Congress Amsterdam: 9-13 December 2007.**

Font size should be uniform (bigger than rest of text)

Carey, D.A. and B.T. Lamb. "Spatial and Temporal Control of APP Processing in  $\beta$ -secretase Transgenic Mice." (2007) *Neurobiology of Aging* **28**: 75-84.

Carey, D.A., L.S. Kulnane, S. Younkin, G. Evin, and B.T. Lamb. "Altered Amyloid- $\beta$  Metabolism and Deposition in Genomic-Based  $\beta$ -secretase Transgenic Mice." (2004) *Journal of Biological Chemistry* **279**: 52535-52542.

Good idea to separate publications in prep. or under review

## PROSPECTIVE PUBLICATIONS

Carey, D.A., Q.R. Liu, X. Zhu, J. Troncoso, D. Walther, and G.R. Uhl. "Calcineurin (PPP3CA): novel alternative splicing, differential isoform expression, and association with Alzheimer's disease and addiction." (2008) *Human Molecular Genetics*, under review

## PUBLISHED ABSTRACTS

Carey, D.A., Q.R. Liu, X. Zhu, D. Walther, and G.R. Uhl. "Validating and Characterizing the Association of Calcineurin in Addiction Vulnerability." Program No. 393.1. Society for Neuroscience, Atlanta, Georgia, 2006.

Carey, D.A., L.S. Kulnane, L. Younkin, S. Younkin, B.T. Lamb. "Altered Amyloid- $\beta$  Metabolism and Deposition in Genomic-Based  $\beta$ -secretase Transgenic Mice." Program No. 406.20. Society for Neuroscience, New Orleans, Louisiana, 2003.

Carey, D.A., L.S. Kulnane, L. Younkin, S. Younkin, and B.T. Lamb. "Altered Amyloid- $\beta$  Metabolism and Deposition in Genomic-Based  $\beta$ -secretase Transgenic Mice." Program No. 687.15. Society for Neuroscience, Orlando, Florida, 2002.

Carey, D.A., and B.T. Lamb. "Generation and Characterization of Genomic-Based  $\beta$ -secretase Transgenic Mice." Program No. 321.3. Society for Neuroscience, San Diego, California, 2001.