

DAVID ALAN BOULIFARD

daboulifard.com

Research Scientist ♦ Software Developer

Outstanding abilities in conducting behavioral, social, and clinically-oriented research. Diverse interpersonal and technical skills grounded in broadly liberal education, rigorous scientific and professional training, and extensive experience in academic, scientific, clinical, and commercial settings.

Core Knowledge

- Research Methods
- Statistics
- Behavioral Science
- Computer Science

Service Provision

- Proposal Development
- Database Development
- Statistical Analysis
- Report Preparation

Performance Practices

- Precise Problem Definition
- Creative Problem Solving
- Efficient Plan Execution
- Rigorous Quality Control

Interaction Skills

- Consultation
- Supervision
- Instruction

Communication Skills

- Clinical Interviewing
- Expository Writing
- Public Speaking

Personal Traits

- Energy & Enthusiasm
- Dedication & Perseverance
- Honesty & Integrity

Technical Proficiencies

Data Processing

Windows ♦ Linux
SAS[†] ♦ SPSS ♦ SQL ♦ APL
MS Word/Excel/Access/VBA
† Certified Base Programmer

Statistics

Regression (Linear/Logistic/Cox)
ANOVA ♦ Discriminant Analysis
Factor Analysis ♦ Cluster Analysis
Non-Parametric Tests

Software Products

Excel Workbooks

Database Management
Findings Presentation

SAS Macros

List Management & Processing
Statistical Computation & Analysis

Research-Relevant Experience

Associate Research Scientist

Indiana University (Sociology)

Bloomington, IN

09/2012 - 04/2017

- Study to examine suicide risk factors among USA residents, conducted by performing multi-level statistical analyses on a database constructed from multiple sources.
- Carried principal responsibility for acquiring data, developing and integrating datasets, conducting statistical analyses, and preparing findings presentations.
- Developed and implemented subproject, as Special Sworn Status researcher at U.S. Census Bureau Research Data Center, to conduct and report findings from analyses using confidential data.
- Provided data, software, documentation, and training to other project personnel.

Research Associate

Rutgers University (Psychology)

New Brunswick, NJ

09/2004 - 08/2012

- Study to examine psychosocial factors and outcomes in patients recovering from major heart surgery, conducted on clinical data gathered from patient interviews and hospital records.
- Developed analysis datasets; contributed extensively to statistical models and journal publications; developed software to facilitate statistical analysis and streamline production of tables and graphs.

Graduate Student

Rutgers University (Psychology)

New Brunswick, NJ

09/1993 - 10/2003

- Doctoral dissertation on efficacy and validity of child interview technique.
- Master's thesis on reliability, validity, and counseling utility of identity assessment technique.

Research Assistant

The Cambridge Hospital (Psychiatry) Cambridge, MA 02/1989 - 08/1993

- Community-based prevalence survey and risk-factor study of ADHD in school-aged children.
- Carried principal responsibility for developing datasets, scoring instruments, conducting analyses.
- Recruited study subjects; trained research assistants; assisted report preparation.

Research Assistant

The Cambridge Hospital (Psychiatry) Cambridge, MA 10/1989 - 05/1990

- Clinical database project, designed for newly opened psychiatric unit to support studies relating clinical description to treatment outcome.
- Assisted development of admission assessments; administered and scored structured psychiatric interviews; presented interview findings at treatment team meetings.

Programmer/Analyst

The Computer Company (Finance) Richmond, VA 03/1982 - 08/1987

- Software for aggregating, analyzing, and reporting lending institution deposit and loan data.
- Maintained and enhanced company's proprietary relational database language (ADS).
- Devised utility programs and coding techniques to streamline applications development.
- Provided language instruction to programming staff and technical support to end-users.

Clinical Experience

Student Clinician

Rutgers University (Psychology) New Brunswick, NJ 1994-1997, 2002

- Practicum placements emphasizing services to children, adolescents, young adults, and families.
- Metro Regional Diagnostic Center, Newark Beth Israel Medical Center, Newark, NJ
- University Behavioral HealthCare, University of Medicine and Dentistry of NJ, Piscataway, NJ
- Douglass Developmental Disabilities Center, Rutgers University, New Brunswick, NJ
- Psychological Clinic, Rutgers Graduate School of Applied & Professional Psychology, Piscataway, NJ

Child Mental Health Worker

The Cambridge Hospital (Psychiatry) Cambridge, MA 10/1989 - 08/1993

- Inpatient milieu therapy for severely disturbed children and adolescents.
- Individual and group activity management; behavior modification; crisis intervention.

Teaching Experience

Course Instructor ♦ Rutgers University (Psychology) ♦ New Brunswick, NJ ♦ Summer 1997/1998/2004
Atypical Development in Childhood and Adolescence; Lifespan Development.

Teaching Assistant ♦ Rutgers University (Psychology) ♦ New Brunswick, NJ ♦ 1994-1996, 1998-1999
Introductory; Statistical Methods; Adolescent Development; Physiological; Sensation and Perception.

Education

Rutgers University ♦ New Brunswick Graduate School ♦ New Brunswick, NJ.

Ph.D., Psychology, 2003. M.S., Psychology, 1998.

Harvard University ♦ Graduate School of Arts and Sciences ♦ Cambridge, MA.

Non-degree coursework, Psychology, 1987-1989.

Swarthmore College ♦ Swarthmore, PA.

B.A., English Literature, 1980.