

2008/18 BACCALAUREATE AND BEYOND  
(B&B:08/18) FIELD TEST

Appendices A and B  
OMB # 1850-0729 v. 11

Submitted by  
National Center for Education Statistics  
U.S. Department of Education

January 2017

Appendix A: Technical Review Panel (TRP) Members.....A-1  
Appendix B: Confidentiality for Administrative Record Matching.....B-1

**Appendix A**  
**Membership of the Technical Review Panel**

---



Michael Bates  
Assistant Professor of Economics  
University of California, Riverside  
3135 Sproul Hall  
Riverside, CA 92521  
Phone: (951) 827-1585  
Email: michael.bates@ucr.edu

Amber Bloomfield  
Data Scientist  
Office of Institutional Research, Planning, and  
Assessment  
University of Maryland  
1101 Clarence M. Mitchell Jr. Building  
College Park, MD 20742  
Phone: (301) 405-5594  
Email: abloomfi@umd.edu

Bradley Curs  
Associate Professor  
University of Missouri  
202 Hill Hall  
Columbia, MO 65211  
Phone: (573) 882-2759  
Email: cursb@missouri.edu

Michael Dakduk  
Executive Vice President and Director of  
Government Relations  
Career Education Colleges and Universities  
1101 Connecticut Avenue, NW  
Suite 900  
Washington, DC 20036  
Phone: (202) 336-6828  
Email: michael.dakduk@career.org

Thurston Domina  
Associate Professor  
University of North Carolina, Chapel Hill  
119 Peabody Hall  
Campus Box 3500  
Chapel Hill, NC 27705  
Phone: (919) 962-9197  
Email: tdomina@unc.edu

Brent Evans  
Assistant Professor  
Vanderbilt University  
230 Appleton Place  
PMB 414  
Nashville, TN 37203  
Phone: (615) 322-6491  
Email: b.evans@vanderbilt.edu

Li Feng  
Associate Professor and Visiting Fellow  
Texas State University and the Brookings  
Institute  
601 University Drive  
McCoy 551  
San Marcos, TX 78666  
Phone: (512) 245-8462  
Email: li.feng@txstate.edu

Michael Lovenheim  
Associate Professor  
Cornell University  
102 Martha Van Rensselaer Hall  
Ithaca, NY 14853  
Phone: (607) 255-0705  
Email: mfl55@cornell.edu

Hironao Okahana  
Assistant Vice President, Research & Policy  
Analysis  
Council of Graduate Schools  
One Dupont Circle NW  
Suite 230  
Washington, DC 20036  
Phone: (202) 696-1560  
Email: hokahana@cgs.nche.edu

Cecilia Rios-Aguilar  
Associate Professor/Director HERI  
University of California, Los Angeles  
3005C Moore Hall  
405 Hilgard Avenue  
Los Angeles, CA 90095  
Phone: (310) 825-1925  
Email: rios-aguilar@gseis.ucla.edu

Steven Rivkin  
Professor  
University of Illinois, Chicago  
601 South Morgan Street  
Chicago, IL 60607  
Phone: (312) 413-2368  
Email: sgrivkin@uic.edu

Jamey Rorison  
Senior Research Analyst  
Institute for Higher Education Policy  
1825 K Street NW  
Suite 720  
Washington, DC 20006  
Phone: (202) 861-8244  
Email: jrorison@ihep.org

Jeff Strohl  
Director of Research  
Georgetown University Center on Education and  
the Workforce  
3300 White Haven Street  
Suite 3200  
Washington, DC 20007  
Phone: (202) 687-4945  
Email: js787@georgetown.edu

Marvin Titus  
Associate Professor, Higher Education  
University of Maryland  
Benjamin Building, 3209  
College Park, MD 20742  
Phone: (301) 405-2220  
Email: mtitus@umd.edu

Jonathan Turk  
Senior Policy Research Analyst  
American Council on Education  
One Dupont Circle NW  
Suite 1B  
Washington, DC 20036  
Phone: (202) 939-9321  
Email: jturk@acenet.edu

Lesley Turner  
Assistant Professor  
Department of Economics  
University of Maryland  
3114 Tydings Hall  
College Park, MD 20742  
Phone: (301) 405-3512  
Email: turner@econ.umd.edu

Paul Umbach  
Professor, Department of Leadership, Policy,  
Adult and Higher Education  
North Carolina State University  
300 Poe Hall  
Box 7801  
Raleigh, NC 27603  
Phone: (919) 515-9366  
Email: paul\_umbach@ncsu.edu

Mamie Voight  
Vice President of Policy Research  
Institute for Higher Education Policy  
1825 K Street NW  
Suite 720  
Washington, DC 20006  
Phone: (202) 587-4967  
Email: mvoight@ihep.org

Robert Yin  
COSMOS Corporation  
3 Bethesda Metro Center  
Suite 700  
Bethesda, MD 20814  
Phone: (240) 223-5200  
Email: ryin@cosmoscorp.com

### **Federal Panelists**

Quentin Brummet  
Chief, Experiments and Innovation Branch  
Center for Administrative Records Research and  
Applications  
U.S. Census Bureau  
4600 Silver Hill Road  
Suitland, MD 20746  
Phone: (301) 763-5939  
Email: quentin.o.brummet@census.gov

Mark Fiegner  
Project Officer  
National Science Foundation  
Division of Science Resources Statistics  
4201 Wilson Boulevard  
Arlington, VA 22230  
Phone: (703) 292-4622  
Email: mfigene@nsf.gov

Daniel Foley  
Survey Statistician  
National Science Foundation  
4201 Wilson Boulevard  
Arlington, VA 22230  
Phone: (703) 292-7811  
Email: dfoley@nsf.gov

Flora Lan  
Survey Statistician  
National Science Foundation  
Division of Science Resources and Statistics  
4201 Wilson Boulevard  
Arlington, VA 22230  
Phone: (703) 292-4758  
Email: flan@nsf.gov

Noah Mann  
Office of Management and Budget  
725 17<sup>th</sup> Street NW  
Washington, DC 20503  
Phone: (202) 395-3256  
Email: nmann@omb.eop.gov

John Mingus  
Assistant Director  
U.S. Government Accountability Office  
441 G Street NW  
Washington, DC 20548  
Phone: (202) 512-4987  
Email: MingusJ@gao.gov

Daniel Pollard  
Senior Advisor, Enterprise Data  
U.S. Department of Education, FSA  
Office of the Chief Operating Officer  
830 First Street NE  
Washington, DC 20202  
Phone: (202) 377-3389  
Email: daniel.pollard@ed.gov

Allen Ruby  
Associate Commissioner for Policy and Systems  
Research  
Institute of Educational Sciences, NCER  
555 New Jersey Avenue NW  
Room 611B  
Washington, DC 20208  
Phone: (202) 219-1591  
Email: allen.ruby@ed.gov

Robert Sivinski  
Statistician  
Office of Management and Budget  
725 17<sup>th</sup> Street, NW  
Washington, DC 20503  
Phone: (202) 395-1205  
Email: robert\_g\_sivinski@omb.eop.gov

David Smole  
Specialist in Education Policy  
Congressional Research Service  
101 Independence Avenue SE, Mailstop 7440  
Washington, DC 20540  
Phone: (202) 707-0624  
Email: dsmole@crs.loc.gov

**U.S. Department of Education, NCES**

Sharon Boivin  
Senior Research and Policy Analyst  
Commission on Evidence-based Policymaking  
(CEP)  
U.S. Census Bureau  
4600 Silver Hill Road  
Suitland, MD 20746  
Phone: (202) 579-7448  
Email: sharon.boivin@cep.gov

Peggy Carr  
Acting Commissioner  
U.S. Department of Education, NCES  
550 12th Street SW  
Potomac Center Plaza (PCP), Room 4061  
Washington, DC 20202  
Phone: (202) 245-6168  
Email: peggy.carr@ed.gov

Chris Chapman  
Associate Commissioner  
U.S. Department of Education, NCES  
550 12th Street SW  
Potomac Center Plaza (PCP), Room 4054  
Washington, DC 20202  
Phone: (202) 245-7103  
Email: chris.chapman@ed.gov

Elise Christopher  
Statistician  
U.S. Department of Education, NCES  
550 12th Street SW  
Potomac Center Plaza (PCP), Room 4005  
Washington, DC 20202  
Phone: (202) 245-7098  
Email: elise.christopher@ed.gov

Tracy Hunt-White  
Education Statistician  
U.S. Department of Education, NCES  
550 12th Street SW  
Potomac Center Plaza (PCP), Room 4007  
Washington, DC 20202  
Phone: (202) 245-6507  
Email: tracy.hunt-white@ed.gov

Kashka Kubzdela  
OMB Liaison  
U.S. Department of Education, NCES  
550 12th Street SW  
Potomac Center Plaza (PCP)  
Washington, DC 20202  
Phone: (202) 245-7377  
Email: kashka.kubzdela@ed.gov

Gail Mulligan  
Longitudinal Surveys Branch Chief  
U.S. Department of Education, NCES  
550 12th Street SW  
Potomac Center Plaza (PCP), Room 4178  
Washington, DC 20202  
Phone: (202) 245-8413  
Email: gail.mulligan@ed.gov

Richard Reeves  
Program Director

U.S. Department of Education, NCES  
550 12th Street SW  
Potomac Center Plaza (PCP), Room 4134  
Washington, D.C. 20202  
Phone: (202) 245-7690  
Email: richard.reeves@ed.gov

David Richards  
BPS Project Officer  
U.S. Department of Education, NCES  
550 12th Street SW  
Potomac Center Plaza (PCP), Room 4037  
Washington, DC 20202  
Phone: (202) 245-6202  
Email: david.richards@ed.gov

Marilyn Seastrom  
Chief Statistician  
U.S. Department of Education, NCES  
550 12th Street SW  
Potomac Center Plaza (PCP), Room 4063  
Washington, DC 20202  
Phone: (202) 245-7766  
Email: marilyn.seastrom@ed.gov

Sean Simone  
Statistician  
U.S. Department of Education, NCES  
550 12th Street SW  
Potomac Center Plaza (PCP)  
Washington, DC 20202  
Phone: (202) 245-7631  
Email: sean.simone@ed.gov

Ted Socha  
Mathematical Statistician  
U.S. Department of Education, NCES  
550 12th Street SW  
Potomac Center Plaza (PCP), Room 4004  
Washington, DC 20202  
Phone: (202) 245-7071  
Email: ted.socha@ed.gov

## **RTI International**

Melissa Cominole  
Senior Research Education Analyst  
RTI International  
3040 East Cornwallis Road  
P.O. Box 12194  
Research Triangle Park, NC 27709  
Phone: (919) 990-8456  
Email: [mcominole@rti.org](mailto:mcominole@rti.org)

Jennifer Cooney  
Statistician  
RTI International  
3040 East Cornwallis Road  
P.O. Box 12194  
Research Triangle Park, NC 27709  
Phone: (919) 485-5570  
Email: [jgratton@rti.org](mailto:jgratton@rti.org)

Jeffrey Franklin  
Senior Survey Methodologist  
RTI International  
3040 East Cornwallis Road  
P.O. Box 12194  
Research Triangle Park, NC 27709  
Phone: (919) 485-2614  
Email: [jwf@rti.org](mailto:jwf@rti.org)

Laura Knapp  
Director, Education Research  
RTI International  
3040 East Cornwallis Road  
P.O. Box 12194  
Research Triangle Park, NC 27709  
Phone: (919) 541-7014  
Email: [lgknapp@rti.org](mailto:lgknapp@rti.org)

Nichole Smith  
Research Education Analyst  
RTI International  
3040 East Cornwallis Road  
P.O. Box 12194  
Research Triangle Park, NC 27709  
Phone: (919) 485-5735  
Email: [ndsmith@rti.org](mailto:ndsmith@rti.org)

Robert Stollberg  
Research Education Analyst  
RTI International  
3040 East Cornwallis Road  
P.O. Box 12194  
Research Triangle Park, NC 27709  
Phone: (919) 485-2644  
Email: [rstollberg@rti.org](mailto:rstollberg@rti.org)

Ashley Wilson  
Education Analyst  
RTI International  
3040 East Cornwallis Road  
P.O. Box 12194  
Research Triangle Park, NC 27709  
Phone: (919) 541-7014  
Email: [awilson@rti.org](mailto:awilson@rti.org)

Jennifer Wine  
Senior Director, Program in Education Survey  
Design  
RTI International  
3040 East Cornwallis Road  
P.O. Box 12194  
Research Triangle Park, NC 27709  
Phone: (919) 541-6870  
Email: [jennifer@rti.org](mailto:jennifer@rti.org)



**Appendix B**

**Confidentiality for Administrative Record Matching**

## **B.1 Develop Linkages with Administrative Data Sources**

Linkages will be developed with existing data sources to supplement the 2008/18 Baccalaureate and Beyond Longitudinal Study (B&B:08/18) during both the field test (2017) and full-scale (2018) collections. NCES recognizes the great value added to the B&B:08/18 data file with the addition of data from specific administrative data sources given that certain data, such as specific financial aid amounts and associated dates, can only be accurately obtained from sources other than the student. Our postsecondary studies, including the National Postsecondary Student Aid Study (NPSAS) and the Beginning Postsecondary Students Study (BPS), have included file merges with many existing sources of valuable data, including Department of Education's (ED) Central Processing System (CPS) for Free Application for Federal Student Aid (FAFSA) data, the National Student Loan Data System (NSLDS), and National Student Clearinghouse (NSC). For this study, we plan to perform file merges with the following datasets: CPS, NSLDS, and NSC. We are reviewing the possibility of matching to other administrative data sources in the full-scale study.

As described in more detail in Section A.10 of the Supporting Statement Part A, which is a part of this request, the Family Educational Rights and Privacy Act (FERPA) (34 CFR Part 99) allows the disclosure of information without prior consent for the purposes of B&B:08/18 according to 34 CFR §99.31.

**Secure Data Transfers.** NCES has set up a secure data transfer system, using the NCES member site with Secure Sockets Layer (SSL) technology. The contractor will use this electronic system for submitting data containing potentially identifying information (such as SSNs, names, and dates of birth of our sample members) along with their survey ID (not the same ID that is available on the restricted-use data). Before being transmitted, files will be encrypted using FIPS 140-2 validated encryption tools. Data will be received from the NCES system as well. The system requires that both parties to the transfer be registered users of the NCES Members Site and that their Members Site privileges be set to allow use of the secure data transfer service as described above. This process will be used for file matching procedures described below, except in instances when the vendor already has a secure data transfer system in place.

## **B.2 File Merge with ED Central Processing System (CPS)**

File merges will be performed by the data collection contractor with the CPS data containing federal student aid application information. The merge with CPS can occur at any time for any number of cases, provided that the case has an apparently valid SSN associated with it. A file will be sent to CPS and in return a large data file containing all matched students who applied for federal aid will be received. The data collection contractor has programs and procedures in place to prepare and submit files according to rigorous CPS standards, and to receive and process data obtained from CPS.

A file will be electronically uploaded on the FAFSA secure web-site for matching which contains SSN and the first 2 letters of the sample member's last name (but no other information). Access to the site for the upload is restricted to authorized users

who are registered and provide identification/authentication information (user name and password) to the FAFSA data site. The file is retrieved by the Central Processing System or CPS (the FAFSA contractor data system) for linkage. The linked file, containing student aid applications for matched records, is then made available to us only through a secure connection (EdConnect) which also requires user name and password. All CPS files will be processed, edited, and documented for inclusion in the final restricted use file (RUF).

### **B.3 File Merge with National Student Loan Data System (NSLDS) Disbursement**

A file merge will be conducted with the NSLDS to collect federal loan and Pell grant data. The resulting file will contain cumulative amounts for each student's entire postsecondary education enrollment. NCES has set up a secure data transfer system that uses their NCES member site and Secure Sockets Layer (SSL) technology. The system requires that both parties to the transfer be registered users of the NCES Members Site and that their Members Site privileges be set to allow use of the secure data transfer service. These privileges are set up and carefully controlled by the ED's Institute of Education Sciences (IES) NCES Chief Technology Officer (CTO), a service designed by ED/NCES specifically for the secure transfer of electronic files containing personally identifying information (i.e., data protected under the Privacy Act or otherwise posing risk of disclosure), and can be used for NCES-to-Contractor; Contractor-to-Subcontractor; Subcontractor-to-Contractor; and Contractor-to-Other-Agency data transfers. The party uploading the information onto the secure server at NCES is responsible for deleting the file(s) after the successful transfer has been confirmed. Programs have been developed to create the files for the merge and also to read the data received. All matching processes are initiated by the data collection staff providing a file with one record per sample member to be merged.

### **B.4 File Merge with the National Student Clearinghouse (NSC)**

The NSC will be used to obtain the *Student Tracker* data on institutions attended, enrollment dates, and degree completions for the B&B:08/18 sample.

The data collection contractor will first set up an account with the Clearinghouse which will enable sending and receiving of files securely over encrypted FTPS connections. The file containing sensitive student identifiers (name, date of birth, and SSN) will be encrypted using FIPS 140-2 validated encryption tools then submitted to the Clearinghouse using their secure FTP site. All files received by the Clearinghouse will be securely stored using FIPS 140-2 validated AES encryption, the US federal encryption standard. Matched files, containing data on enrollment dates, institution names, and degrees completed, will be returned to the data collection contractor using the same secure FTP site.

### **B.5 Processing Administrative Data**

We propose to send files for matching during data collection. We may need to match to a source (e.g., CPS or NSLDS) more than once during the full-scale study.

The data from all of these sources, as allowed by the vendor, will be delivered for inclusion on the RUF and will be useful for creating derived variables. The derived variables will be available on PowerStats and QuickStats, and both direct-pull and derived variables will be documented thoroughly. Data from CPS will also be useful for purposes of locating the sample.