

Appendices A and B

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

Appendix A
Technical Review Panel (TRP) Members

Technical Review Panel

Jeff Allum
Director, Research and Policy Analysis
Council of Graduate Schools
One Dupont Circle NW
Washington, DC 20036
Phone: (202) 223-3791
Email: jallum@cgs.nche.edu

Kevin Bastian
Director, Teacher Quality Research Initiative
University of North Carolina at Chapel Hill
504 East 63rd Street, Apartment 18S
New York, NY 10065
Phone: (919) 698-6658
Email: kbastian@email.unc.edu

Margaret Cahalan
Vice President for Research & Director,
Council for Opportunity in
Education
The Pell Institute
1025 Vermont Avenue NW
9th Floor
Washington, DC 20005
Phone: (202) 347-7430
Email: margaret.cahalan@pellinstitute.org

Ben Castleman
Assistant Professor of Education and Public
Policy
University of Virginia, Curry School of Education
P.O. Box 400879
Charlottesville, VA 22904
Phone: (434) 243-5419
Email: castleman@virginia.edu

Amber Dumford
Research Analyst
Indiana University School of Education
1900 East Tenth Street
Suite 419
Bloomington, IN 47406
Phone: (812) 856-1205
Email: adlamber@indiana.edu

Charlotte Etier
Research Analyst
National Association of Student Financial Aid
Administrators
1101 Connecticut Avenue NW
Suite 1100
Washington, DC 20036
Phone: (202) 785-6943
Email: etierc@nasfaa.org

Taylor Hansen
Senior Government Relations Associate
Association of Private Sector Colleges and
Universities
1101 Connecticut Avenue NW
Suite 900
Washington, DC 20036
Phone: (202) 336-6707
Email: taylor.hansen@apscu.org

Don Heller
Dean, College of Education
Michigan State University
501 Erickson Hall, 620 Farm Lane
East Lansing, MI 48824
Phone: (517) 355-1734
Email: dheller@msu.edu

Gary Henry
Department of Leadership, Policy and
Organization
Peabody College, Vanderbilt University
230 Appleton Place
PMB 414
Nashville, TN 37203
Phone: (615) 322-0249
Email: gary.henry@vanderbilt.edu

Brad Hershbein
Economist
W.E. Upjohn Institute for Employment Research
300 South Westnedge Avenue
Kalamazoo, MI 49007
Phone: (269) 385-0437
Email: hershbein@upjohn.org

Patrick Kelly
Senior Associate and Director
National Center for Higher Education
Management Systems
3035 Center Green Drive
Suite 150
Boulder, CO 80301
Phone: (720) 987-3391
Email: patrick@nchems.org

Dongbin Kim
Associate Professor, Department of Educational
Administration
Michigan State University
433 Erickson Hall, 620 Farm Lane
East Lansing, MI 48824
Phone: (517) 353-9017
Email: dbkim@msu.edu

Sarah Leibrandt
Project Coordinator
Western Interstate Commission for Higher
Education
3035 Center Green Drive
Boulder, CO 80301
Phone: (303) 541-0221
Email: sleibrandt@wiche.edu

Christopher Nellum
Senior Policy Research Analyst
American Council on Education
One Dupont Circle NW
Suite 1B
Washington, DC 20036
Phone: (202) 939-9405
Email: cnellum@acenet.edu

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

Kent Phillippe
Associate Vice President, Research & Student
Success
American Association of Community Colleges
One Dupont Circle NW
Suite 410
Washington, DC 20036
Phone: (202) 416-4505
Email: kphillippe@aacc.nche.edu

Brian Prescott
Director of Policy Research
Western Interstate Commission for Higher
Education
3035 Center Green Drive
Suite 200
Boulder, CO 80301
Phone: (303) 541-0255
Email: bprescott@wiche.edu

Jason Ramirez
Director of Research and Policy Analysis
National Association of Independent Colleges
and Universities
1025 Connecticut Avenue NW
Suite 700
Washington, DC 20036
Phone: (202) 835-0003
Email: jason@naicu.edu

Hal Salzman
Professor, Heldrich Center Workforce
Development
Rutgers University
30 Livingston Avenue
Room 207
New Brunswick, NJ 08901
Phone: (848) 932-1037
Email: hsalzman@rutgers.edu

Matthew Soldner
Senior Researcher, Education Program
American Institutes for Research
127 West 10th Street
Suite 803
Kansas City, MO 64105
Phone: (202) 403-5000
Email: msoldner@air.org

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

Rob Toutkoushian
Professor
University of Georgia, Institute of Higher
Education
0114 Meigs Hall
106 Herty Drive
Athens, GA 30602
Phone: (706) 542-0577
Email: rtoutkou@uga.edu

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

Mamie Voight
Director 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

Federal Panelists

Xiaoling Ang
Economist, Office of Research
Consumer Financial Protection Bureau
1275 First Street NE
Suite 827-C
Washington, DC 20008
Phone: (202) 435-7686
Email: xiaoling.ang@cfpb.gov

Shane Ball
Operations Research Analyst
National Institute of Food and Agriculture,
United States Department of
Agriculture
4401 Waterfront Centre
800 9th Street SW
Washington, DC 20024
Phone: (202) 720-1973
Email: sball@nifa.usda.gov

Jeffrey Groen
Director, National Longitudinal Surveys
U.S. Bureau of Labor Statistics
2 Massachusetts Avenue NE
Suite 4945
Washington, DC 20212

Phone: (202) 691-7392
Email: groen.jeffrey@bls.gov

Nirmala Kannankutty
Acting Deputy Division Director,
Division of Graduate Education
National Science Foundation
4201 Wilson Boulevard
Suite 875
Arlington, VA 22230
Phone: (703) 292-7797
Email: nkannank@nsf.gov

Rochelle Martinez
Statistician
Office of Management and Budget
725 17th Street, NW
Room 10202 NEOB
Washington, DC 20503
Phone: (202) 395-3147
Email: rochelle_w._martinez@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

Noah Mann
Program Examiner
Office of Management and Budget
725 17th Street NW
Washington, DC 20503
Phone: (202) 395-3256
Email: Noah_S_Mann@omb.eop.gov

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

Emilda Rivers
Program Director
National Science Foundation
4201 Wilson Boulevard
Suite 965 S
Arlington, VA 22230
Phone: (703) 292-7773
Email: erivers@nsf.gov

Robert Sivinski
Statistician
Office of Management and Budget
725 17th 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
Mail Stop 7440
Washington, DC 20540
Phone: (202) 707-0624
Email: dsmole@crs.loc.gov

U.S. Department of Education, NCES

Peggy Carr
Acting Commissioner
U.S. Department of Education, NCES
1990 K Street NW
Room 8095
Washington, DC 20006
Phone: (202) 502-7414
Email: peggy.carr@ed.gov

Chris Chapman
Acting Associate Commissioner, Sample Surveys
Divisions
U.S. Department of Education, NCES
1990 K Street NW
Room 9042
Washington, DC 20006
Phone: (202) 502-7321
Email: chris.chapman@ed.gov

Elise Christopher
Project Officer, ELS:2002 & HSLs:09
U.S. Department of Education, NCES
1990 K Street NW
Room 9026
Washington, DC 20006
Phone: (202) 502-7899
Email: elise.christopher@ed.gov

Tracy Hunt-White
Education Statistician
U.S. Department of Education, NCES
1990 K Street NW
Room 9018
Washington, DC 20006
Phone: (202) 502-7438
Email: tracy.hunt-white@ed.gov

Kashka Kubzdela
OMB Liaison
U.S. Department of Education, NCES
1990 K Street NW
Room 9014
Washington, DC 20006
Phone: (202) 502-7411
Email: kashka.kubzdela@ed.gov

David Richards
Project Officer, BPS:12/14 & BPS:12/17
U.S. Department of Education, NCES
1990 K Street NW
Room 9030
Washington, DC 20006
Phone: (202) 502-7395
Email: david.richards@ed.gov

Marilyn Seastrom
Chief Statistician
U.S. Department of Education, NCES
1990 K Street NW
Room 9047
Washington, DC 20006
Phone: (202) 502-7303
Email: marilyn.seastrom@ed.gov

Sean Simone
Statistician
U.S. Department of Education, NCES
1990 K Street NW
Room 9027
Washington, DC 20006
Phone: (202) 502-7367
Email: sean.simone@ed.gov

Ted Socha
Mathematical Statistician
U.S. Department of Education, NCES
1990 K Street NW
Room 9028
Washington, DC 20006
Phone: (202) 502-7383
Email: ted.socha@ed.gov

RTI International

Lesa Caves
Research Education Analyst
RTI International
3040 East Cornwallis Road
P.O. Box 12194
Research Triangle Park, NC 27709
Phone: (919) 990-8312
Email: lcaves@rti.org

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

Natasha Janson
Director, B&B:16/17
3040 East Cornwallis Road
P.O. Box 12194
Research Triangle Park, NC 27709
Phone: (919) 316-3394
Email: njanson@rti.org

T. Austin Lacy
Research Education Analyst
RTI International
3040 East Cornwallis Road
P.O. Box 12194
Research Triangle Park, NC 27709
Phone: (919) 990-8386
Email: tlacy@rti.org

Emilia Peytcheva
Research Survey Methodologist
RTI International
3005 Boardwalk Street
Suite 105
Ann Arbor, MI 48108
Phone: (734) 213-6159
Email: epeytcheva@rti.org

Sandra Staklis
Research Education Analyst
RTI International
1618 SW First Avenue
Suite 300
Portland, OR 97201
Phone: (503) 428-5676
Email: sstaklis@rti.org

Nicole Tate
Research Education Analyst
RTI International
3040 East Cornwallis Road
P.O. Box 12194
Research Triangle Park, NC 27709
Phone: (919) 316-3357
Email: ntate@rti.org

Jennifer Wine
Director, NPSAS:16
RTI International
3040 East Cornwallis Road
P.O. Box 12194
Research Triangle Park, NC 27709
Phone: (919) 541-6870
Email: 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 2016/17 Baccalaureate and Beyond Longitudinal Study (B&B:16/17) during both the field test (2016) and full-scale (2017) collections. NCES recognizes the great value added to the B&B:16/17 data file with the addition of data from specific administrative data sources as 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:16/17 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:16/17 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.