Daniela E. Hochfellner

Center of Urban Science + Progress
New York University

EMPLOYMENT and POSITIONS

Research Assistant Professor and Senior Research Scientist, Center of Urban Science + Progress, New York University, 2016-present

Adjunct Research Assistant Professor, Institute for Social Research, Survey Research Center, University of Michigan, 2016-present

Research Investigator, Institute for Social Research, Survey Research Center, University of Michigan, 2013-2015

Senior Researcher, Research Data Centre at the Institute for Employment Research, Nuremberg, 2013-2015

Researcher, Research Data Centre at the Institute for Employment Research, Nuremberg, 2008-2013

Associate Member, Bamberg Graduate School of Social Sciences, Bamberg, 2013-present

Research Visiting Scholar, University of Michigan, Ann Arbor, 2012-2013

Freelancer, GfK Group Panel Services, Nuremberg, 2007-2008

Freelancer, Socialdata Institut für Verkehrs- und Infrastrukturforschung, Nuremberg, 2007-2008

EDUCATION

Doctoral Degree (Ph.D.) in Sociology, University of Bamberg, 2013
Diplom (M.A.) in Sociology, University of Bamberg, 2007
Vordiplom (B.A.) in Sociology, University of Bamberg, 2003

FIELDS of INTEREST

Data Linkage & Confidentiality, Labor & Retirement Studies, Migration, Aging, Health

PUBLICATIONS

Journal Articles

Employment Trajectories beyond Retirement, *Journal of Aging & Social Policy*, online first (http://dx.doi.org/10.1080/08959420.2016.1213092), with C. Burkert, 2016

Privacy in Confidential Administrative Micro Data: Implementing Statistical Disclosure Control in a Secure Computing Environment, *Journal of Empirical Research on Human Research Ethics*, 9 (5), 8–15, with D. Müller and A. Schmucker, 2014

Does Better Pre-Migration Performance Accelerate Immigrants' Wage Assimilation? *Labour Economics*, 30, 212–222, with B. Hirsch, E. J. Jahn and O. Toomet, 2014

Comparing Labor Market Participation Rates of Ethnic Populations with Innovative Administrative Data for Migration Studies, *Transnational Social Review*, 3 (2), 34–40, with F. Springer and A. Wurdack, 2013

Berufliche Aktivität im Ruhestand: Fortsetzung der Erwerbsbiografie oder notwendiger Zuverdienst, *Zeitschrift für Gerontologie und Geriatrie*, 46 (3), 242–250, with C. Burkert, 2013

Biographical Data of Social Security Agencies in Germany, Schmollers Jahrbuch, *Journal of Applied Social Science Studies*, 132, 443–451, with D. Müller and A. Wurdack, 2012

Chapters in Books & Edited Volumes

Establishing Infrastructure for the Use of Big Data to Understand Total Survey Error, *Total Survey Error in Practice*, with S. Bender and A. Kirchner, 2017

Ältere Migrantinnen und Migranten am Arbeitsmarkt, *Viele Welten des Alterns. Ältere Migranten im alternden Deutschland*, VS Verlag für Sozialwissenschaften, 77–100, with C. Burkert and A. Wurdack, 2012

Welche berufliche Qualifikation und Erfahrung brachten Aussiedler und Spätaussiedler bei der Zuwanderung mit?, *DRV-Schriften*, 55/2010, 131–148, with T. Mika and L. Hering, 2010

Das Projekt BASiD - Biografiedaten ausgewählter Sozialversicherungsträger in Deutschland: Projektinhalte, aktueller Stand der Arbeiten und Analysemöglichkeiten, *DRV-Schriften*, 55/2009, 74–86, with A. Voigt, U. Budzack and B. Steppich, 2010

Policy Briefs

Arbeitslosengeld-I-Bezug von Älteren - Zugänge, Bestand und Abgänge 2005 bis 2013, *IAB Aktuelle Berichte*, 03/2016, with B. Hofmann and Katja Wolf, 2016

Erwerbstätigkeit im Rentenbezug, *IAB-Forum*, 01/2014, with C. Burkert, 2014

Europäische Metropolregionen in Deutschland im Vergleich: Löhne klaffen deutlich auseinander, *IAB- Forum*, 02/2012, with A. Burghardt and M. König, 2012

Gewappnet und gerüstet: Die Datens(ch)ätze des IAB sind eine Fundgrube für die Migrations- und Integrationsforschung, *IAB-Forum*, 02/2010, 2010

Licht und Schatten: Die Situation von Aussiedlern und Spätaussiedlern auf dem deutschen Arbeitsmarkt, *IAB-Forum*, 02/2010, with R. Wapler, 2010

WORKING PAPERS & PROCEEDINGS

Data privacy in confidential administrative micro data: the importance of disclosure control, *New Techniques and Technologies for Statistics 2013, Proceedings*, with D. Müller and A. Schmucker, 2013

Does Better Pre-Migration Performance Accelerate Immigrants' Wage Assimilation? *IZA Discussion Paper Series*, No.7240, with B. Hirsch, E. J. Jahn and O. Toomet, 2013

Data Protection at the Research Data Center, *FDZ-Methodenreport*, 06/2012, with D. Müller, A.Schmucker and E. Ross, 2012

BASiD-Biografiedaten ausgewählter Sozialversicherungsträger in Deutschland, *FDZ-Datenreport*, 09/2011, with D. Müller and A. Wurdack, 2011

Dealing with inconsistencies in the integration of multiple register-based data, *New Techniques and Technologies for Statistics 2011, Proceedings*, 2011

Dealing with inconsistencies in linking administrative data, *International Methodology Symposium 2010, Proceedings*, with A. Voigt, 2010

Improving the content of administrative data by linking different register-based data sources, *European Conference on Quality in Official Statistics 2010*, Proceedings, with A. Voigt, 2010

WORK IN PROGRESS

Do High-Skilled Immigrants find Jobs Faster than Low-Skilled Immigrants? (submitted), with R. Wapler

Winners and Losers of Financial Crises: Evidence from Individuals and Firms, with J. Montes, M.Schmalz, and D. Sosyura

Peer Effects and Retirement Decisions: Evidence from Pension Reform in Germany, with M. K. Hamman, J. M. Nunley, and C. Ruhm

Technological Change and Employment of Older Workers, with I. Gutierrez and N. Maestas

Mom and Dad, We're Broke – Can You Help? Shifts in Financial Transfers within Families during the Great Recession, with M. Hamman and P. Homrighausen

PRESS COVERAGE

Seniorenratgeber (07/2013), Arbeiten trotz Rente, also printed in: Express, prestigecars.de; Frankfurter Allgemeine Zeitung (18/12/2012), Nr. 295, S. 9 Die Süddeutschen verdienen am meisten, also printed in: Süddeutsche Zeitung, Spiegel Online

GRANTS

New York City Department of Health and Mental Hygiene, "Assessing Community Health Survey data", Role: PI, 2016-2017

Steven H. Sandell Award through the Social Security Administration, administered by Boston College and the Center for Retirement Research at Boston College, "A Comparative Study of Financial Transfers within Families During the Great Recession", Role: PI, 2016-2017

Alfred P. Sloan Foundation, "Changes in Pensionable Ages and their Effect on Establishments", Role: Co-I, 2016-2018

Alfred P. Sloan Foundation, "Technological Change, Training and Employment of Older Workers", Role: Co-I, 2015-2018

National Science Foundation, "Expanding International Data Access: Linked German Survey and Administrative Data", Role: Co-I, 2013–2016

Ministry of Education and Research, "RDC in RDC: A First Step Towards Decentralised International Data Sharing", Role: Co-I, 2012–2013

Ministry of Education and Research, "Biographical Data of selected Insurance Agencies in Germany", Role: Co-PI, 2009 –2011

TEACHING

Principle of Urban Informatics (MA), Guest Lecture and Python Computing Lab on responsible data use, NYU CUSP, F2016

Data Governance, Ethics, and Privacy (MA), NYU CUSP, S2016 & S2017

Urban Science Intensive II: Capstone Projects (MA), Faculty Lead of the capstone "Data Poverty" in collaboration with The Mayor's Office of Data Analytics in New York, NYU CUSP, S2016

Remote Execution with the IAB Establishment Panel in Stata and SPSS (MA), University of Erlangen-Nuremberg, Nuremberg, 2009

Remote Execution with the IAB Establishment Panel in Stata and SPSS (MA), University of Erlangen-Nuremberg, Nuremberg, 2008

PROFESSIONAL ACTIVITIES

Reviewer

Zeitschrift für Sozialreform, AEJ:Policy, Journal for Labour Market Research, PLOS ONE, Journal of Social Policy

First International FDZ Data User Workshop, University of Michigan

Bamberg Graduate School for Social Sciences

Council for European Studies, Columbia University

Discussant

Retirement Policy Reform and the Labor Market for Older Workers in a comparative Perspective, Institute for Employment Research

PRESENTATIONS

European Survey Research Association, 2017

Western Economic Association, 2017

NYU CUSP, 2016

NYU Wager, 2016

ASSA Meetings, 2016

Institute for Employment Research, 2015

Midwestern Economic Association, 2015

Southwestern Social Science Association, 2015

Pacific Sociological Association, 2015

Council for European Studies Columbia University, 2015, 2014

Society of Labor Economists, 2017, 2016, 2015

American Sociological Association, 2015

Ryerson University, 2015

New York University, 2015

Population Association of America, 2017, 2014

University of Wisconsin-Madison, 2014

Cornell University, 2014

European Population Conference, 2014
European Association of Labour Economists, 2014
Verein für Socialpolitik, 2014
University of Michigan, 2017, 2014, 2013, 2012
Research Network on Ageing in Europe, 2014
Mid-South Sociological Association, 2014
Michigan State University, 2014
American Association for Public Opinion Research, 2013
American Sociological Association, 2013
Zentrum für Migrantinnen - Migrare, 2013
Finish Institute of Occupational Health, 2013
European Consortium for Sociological Research, 2013, 2012
University of Bamberg, 2013, 2012, 2011, 2010
STREAM, 2013
Gerontological Society of America, 2017, 2013
Association for Public Policy Analyses & Management, 2012
Chicago RDC Annual Conference, 2012,
Jahrestagung der Migrations- und Integrationsforschung in Österreich, 2012
German Pension Insurance, 2011, 2009
Institute for Employment Research, 2017, 2011, 2009
European Sociological Association, 2011
New Techniques and Technologies for Statistics (Eurostat), 2011
International Methodology Symposium, 2010
German Sociological Association, 2010
German Statistical Association, 2010
German Centre of Gerontology, 2010
European Conference on Quality in Official Statistics (Statistics Canada), 2010

REFERENCES

Margaret C. Levenstein, PhD
    University of Michigan, Institute for Social Research
    426 Thompson Street, Ann Arbor, MI 48106-1248, USA

Peter B. Berg, PhD
    Michigan State University, School of Human Resources and Labor Relations
    368 Farm Lane, S433, East Lansing, MI 48824

Nicole Maestas, PhD
    Harvard Medical School, Department of Health Care Policy
    180 Longwood Avenue, Boston, MA 02115-5899

Dana Mueller
Research Data Center of the Federal Employment Agency at the Institute for
Employment Research
Regensburger Str.100, 90478 Nuremberg, Germany

Prof. Dr. Olaf Struck
Otto-Friedrich-University Bamberg, Chair of Labour Studies
Feldkirchenstraße 21, 96052 Bamberg, Germany

ROBERT F. WAGNER GRADUATE
SCHOOL OF PUBLIC SERVICE

Julia Lane, Professor
Julia.lane@nyu.edu; 646 208 4990

September 13, 2017

Dean Sherry Glied
Wagner School of Public Service New York University
295 Lafayette Street
New York, NY 10012-9604

Dear Sherry,

It is my great pleasure to support the appointment of Daniela Hochfellner to the position of Research Assistant Professor at the Wagner School. I have worked with Dr. Hochfellner for the past 18 months, and can attest to her scholarly capacity, her teaching ability and her superb fit as a colleague. I can also attest to her enthusiasm for and interest in participating in the scholarly and educational activities at Wagner. I will discuss each in turn below.

I brought Dr. Hochfellner in as a Senior Research Scientist to the Center of Urban Science and Progress. She was highly recommended by a number of colleagues both as a well-qualified scholar and as an expert in the privacy and confidentiality of data on human subjects.

I should note that she was offered the position of Executive Research Director for the Research Data Center in Institute for Social Research at the University of Michigan, as well

Dr. Hochfellner is a true scholar. In the four years since receiving her PhD, she has already published a number of refereed journal articles, book chapters and policy briefs. She has several papers under revision at good journals, and her poster at the AAPOR meetings received the best poster award this year. She is in high demand to giver seminars – hse has presented at eight conferences this year alone.

Her privacy and confidentiality work is starting to emerge as an important research area for her – and should be of great interest to Wagner faculty. Agencies at the federal level have great needs to combine data on participants in multiple federal programs (welfare, health and human services, housing, corrections etc) in order to inform policy making; the 2016 Ryan-Murray Act has established an Evidence Based Policy Commission to recommend strategies to do so. One third of the Commissioners are privacy experts - policy cannot be developed without considerations of the privacy issues. At the local level, agencies like the NYC Department of Health and Mental Hygiene have been trying to hire privacy experts to deal with similar issues -ranging from protecting data on Community Health surveys to data on the survivors of the World Trade Center attacks. The reason that Daniela's work is so much in demand by government agencies at all levels is that Daniela brings a unique skill set of in-

depth social science survey research experience coupled with statistical and data privacy expertise in secure computing environments, as evidenced by her attached CV.

She also loves to teach.   She has done an excellent job in teaching confidentiality and ethics to CUSP students.   She has taught record linkage and confidentiality to the Applied Data Analytics Executive Education course that we are offering. And I am team teaching a new offering on Big Data and Social Science with her for Wagner in the Spring.

She is also a delightful colleague and really wants to engage with Wagner faculty. I have been sharing my office with her, and she has just loved talking to different faculty. She gave a seminar at Wagner last year, and was absolutely delighted with the questions and level of interest that Wagner faculty showed.

There are very few individuals in the United States with her set of skills; they are highly valued and sought after. Indeed, earlier this year she was offered asked by the Institute for Social Research at the University of Michigan to become the Executive Director of the Michigan Federal Statistical Research Center M-RDC), with associated ISR tenure.

I very much hope that you agree that she will be an asset to our faculty and agree to appoint her as a Research Assistant Professor.

Sincerely,

Julia Lane
Professor, Wagner School
Professor, Center for Urban Science and Progress
Provostial Fellow

FAKULTÄT FÜR SOZIALWISSENSCHAFTEN
Statistik und sozialwissenschaftliche Methodenlehre
Prof. Dr. Frauke Kreuter

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Reference Letter for Daniela Hochfellner

I am writing this letter in support of Daniela Hochfellner. It is my understanding that Daniela is being considered by your organization for the position of Research Assistant Professor.

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My name is Frauke Kreuter, and I am currently the Director of the Joint Program in Survey Methodology at the University of Maryland in College Park, Professor of Statistics and Methodology at the University of Mannheim in Germany, and head of the Statistical Methods Institute at the Institute for Employment Research in Nuremberg (IAB), Germany. I have known Daniela since 2010 when she was still employed at the Research Data Center of the IAB. Over the last year, I worked with her on a joint project between University of Maryland, NYU CUSP, and the University of Chicago, to improve access to confidential administrative data and enhance social science by implementing an applied data analytics program for social sciences.

Throughout the years I watched Daniela progress in her career. Her capability to work in multilayered tasks and to balance multiple projects concurrently is just one of her outstanding skills. Her strong human relations skills enable her to interface very effectively with many different parties involved, including cooperation partners, research colleagues, and students. She is a very caring and goal oriented person, thus, collaborating with her on scientific projects is very productive and efficient.

During her work in different data facilities, first at the Institute for Employment Research, at the University of Michigan, and the Center of Urban Science and Progress, she gathered an outstanding experience in working with administrative data, survey data, big data, linkage of different data sources, and the implementation of statistically grounded approaches to data integration, privacy, ethics, data use and dissemination of policies and procedures. Having someone at the Department with these intense data management skills is an important contribution to any organization that would be lucky to have her join. Students interacting with Daniela will benefit from her statistical and analytical knowledge. In her own research she is working with different statistical software packages (Stata, R, Python, SQL) and is coding her own empirical models combining methods from social and computer sciences. For students she would be a valuable asset to advise them on data management and modelling complex social problems with different statistical software packages, in particular bringing some methods used in computer sciences into the Department. At CUSP she is currently teaching a Data Governance and Ethics

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class to show students how to responsibly use data and be aware of biases being introduced in empirical public policy research studies.

Daniela is working on different research projects addressing cutting edge public policy problems with co-authors from Harvard University, RAND, University of Michigan, Michigan State University, University of West Virginia, Wayne State University, the Congressional Budget Office, and the Institute for Employment Research. Her enthusiasm for scientific research lead to innovative research projects for which she received funding from different national and international institutions, such as the Alfred P. Sloan Foundation, the National Science Foundation, the German Ministry of Education and Research, the Boston Retirement Research Center, and NYC Agencies. Consequently, she has established a well working network since she is in the U.S., and NYU Wagner will highly profit from her connections to other top tier universities and research institutions, as well as funding institutions and local city agencies. Always more difficult to judge from the outside, but from what I can tell her research interests are in line with the research interests of many other faculty members at NYU Wagner, having her as a Research Assistant Professor will foster new research collaborations within the department.

Daniela's research addresses the economics of labor markets, migration, aging and health and ethics in human subject research in a public policy setting, which fits perfectly into the research agenda of NYU Wagner. For instance, she is studying the integration processes of immigrants, and finds that pre-immigration skills cannot be transferred when immigrating into a new country. She shows that in particular highly qualified immigrants have problems transferring their skills. Parts of this line of research has been published in Labor Economics. In addition, she pursues research on labor market participation of older workers, and effects of social security reforms on retirement transitions of individuals and employers in terms of workforce composition and health outcomes. She shows that peers affect one's own retirement behavior and that establishments are hit by pension reforms and experience problems dealing with the change of workforce composition resulting from pension reforms. Further results suggest that training of older workers in this context does not seem to help. To pursue this kind of research and to make policy recommendations she has been awarded two grants from the Alfred P. Sloan Foundation. Furthermore she is actively consulting the German government on their retirement policies. Her work on research ethics addresses data confidentiality and methods of protecting privacy in the presence of an increasing demand of "big data" in social sciences. She is invested in applying statistical methods to preserve data confidentiality, such as working on new synthesized data, differential privacy, and hashing algorithms to protect individually identifiable information. Part of her work was published in the Journal of Empirical Research on Human Research Ethics.

Daniela showed a persistent effort to present and discuss her work at well-known national and international conferences, such as the Society of Labor Economics, the Population Association of America, the American Economic Association, and the Gerontological Society of America, amongst many others. In addition, her work has been published in peer reviewed international journals. Compared to her peers, she had an outstanding success in integrating herself in the scientific community, making herself known, and having an impact on the field.

Her future research agenda focuses on evaluation public policies, in particular in the retirement setting. She is planning a project to study the crowding out of public assistance by financial transfers within families in a cross country perspective. Furthermore she is planning to investigate the social support component in this set up and how health shocks add to the mechanism found so

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far. In addition, Daniela is planning to pursue projects using data from the Applied Program of Data Analytics to address social inequality topics in the field of criminal justice.

Given Daniela's outstanding contribution to current research, her excellent international network, her dedication and her strong human relation skills, I highly recommend her for the position of Research Assistant Professor.

If you would like to discuss this further, please feel free to contact me.

Mannheim, 24 August 2017

Prof. Dr. Frauke Kreuter

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