EDITH BEERDSEN

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ACADEMIC APPOINTMENTS

Temple University, Beasley School of Law, Philadelphia, PA
Assistant Professor of Law, July 2022 – present
Courses taught: Civil Procedure, Evidence, Scientific & Statistical Evidence

New York University, School of Law, New York, NY
Acting Assistant Professor of Lawyering, 2019 – 2022
Course taught: Lawyering

PUBLICATIONS AND WORK IN PROGRESS

Legal Scholarship

Against Expert Impeachment (work in progress)

Gamesmanship – Gamesmanship and the Shaping of Strategy Space in Litigation (work in progress)
Explores how courts delineate the boundaries of litigants' strategic maneuvering room through an examination of courts' use of the term "gamesmanship."

Strategy for Strategy's Sake, 103 N.C. L. REV. __ (forthcoming)
Argues that strategy is an unacknowledged systemic value in the civil litigation system.

Discovery Culture, 57 GEORGIA L. REV. 981 (2023) (link)
Introduces "Discovery Culture" as a central feature of discovery practice, exploring its nature as an arena of order without law, and its implications.

- Reviewed by Seth Katsuya Endo for Jotwell (link)
- Recommended by Lawrence Solum on Legal Theory Blog (link)
- Recommended by Howard Wasserman on Prawsblawg (link)

Litigation Science after the Knowledge Crisis, 106 CORNELL L. REV. 529 (2021) (link)
Identifies the implications of the social sciences' Replication Crisis—a fundamental shift in understanding of what it takes to create reliable science—for the production of scientific knowledge in a civil litigation context.

Peer-Reviewed Scientific Scholarship

I developed and used computer simulation methods to study the movement of small molecules in confined spaces.

In-Depth Study of Host-Framework Flexibility on the Diffusion of Small Gas Molecules in One-Dimensional Zeolitic Pore Systems, 111 J. CHEM. PHYS. C 17370 (2007) (with Nils E. R. Zimmerman, Sven Jakobtorweihen, Berend Smit, and Friedrich J. Keil (link)

Understanding Diffusion in Nanoporous Materials, 96 PHYS. REV. LETT. 044501 (2006) (with David Dubbeldam and Berend Smit) (link) (first author)

Loading Dependence of the Diffusion Coefficient of Methane in Nanoporous Materials, 110 J. PHYS. CHEM. B 22754 (2006) (with David Dubbeldam and Berend Smit) (link) (first author)

Diffusion in Confinement: Agreement Between Experiments Better than Expected, 110 J. PHYS. CHEM. B 14529 (2006) (with David Dubbeldam and Berend Smit) (link) (first author)

Dynamically Corrected Transition-State Theory Calculations of Self-Diffusion in Anisotropic Nanoporous Materials, 110 J. PHYS. CHEM B 3164 (2006) (with David Dubbeldam, Sofia Calero, and Berend Smit) (link)

Understanding Cage Effects in the n-Alkane Conversion on Zeolites, 237 J. CATALYSIS 278 (2006) (with Theo L. M. Maesen, Sofia Calero, David Dubbeldam, and Berend Smit) (link)

Molecular Understanding of Diffusion in Confinement, 95 PHYS. REV. LETT. 164505 (2005) (with David Dubbeldam and Berend Smit) (link) (first author)

Molecular Path Control in Zeolite Membranes, 102 PROC. NAT'L ACAD. SCI. USA 12317 (2005) (with David Dubbeldam, Sofia Calero, and Berend Smit) (link)

Molecular Simulation of Loading-Dependent Diffusion in Nanoporous Materials using Extended Dynamically Corrected Transition-State Theory, 122 J. CHEM. PHYS. 224712 (2005) (with David Dubbeldam, Thijs J. H. Vlugt, and Berend Smit) (link)

Molecular Simulation of Loading-Dependent Slow Diffusion in Confined Systems, 93 PHYS. REV. LETT. 248301 (2004) (with Berend Smit and David Dubbeldam) (link) (first author)

Force-Field Parametrization through Fitting on Inflection Points in Isotherms, 93 PHYS. REV. LETT. 088302 (2004) (with David Dubbeldam, Sofia Calero, Thijs J. H. Vlugt, Rajamani Krishna, Theo L. M. Maesen, and Berend Smit) (link)

Simulating the Effect of Non-framework Cations on the Adsorption of Alkanes in MFI-type Zeolites, 107 J. PHYS. CHEM. B. 12088 (2003) (with David Dubbeldam, Berend Smith, Thijs J. H. Vlugt, and Sofia Calero) (link) (first author)

The Influence of Non-framework Sodium Cations on the Adsorption of Alkanes in MFI- and MOR-type Zeolites, 106 J. PHYS. CHEM. B 10659 (2002) (with Berend Smit and Sofia Calero) (link) (first author)

EDUCATION

J.D., Columbia Law School, 2010
Harlan Fiske Stone Scholar
Articles Editor, *Columbia Human Rights Law Review*

Ph.D. (Computational Chemistry), University of Amsterdam, The Netherlands, 2007
Dissertation: "On Diffusion in Nanoporous Materials – a Simulation Study"

M.Sc. (Chemistry), University of Amsterdam, The Netherlands, *cum laude*, 2002
(four-year undergraduate degree)
Thesis: "Adsorption in Zeolites"
Selected awards: university award for best first-year chemistry students, 1999;
Royal Dutch Chemistry Society Award for best chemistry students nationwide, 1999

PROFESSIONAL EXPERIENCE

Davis Polk & Wardwell LLP, New York, NY
Litigation associate, 2010 – 2018
Summer associate, 2009

Broad general commercial civil litigation practice, with focus on cases involving scientific or statistical expert testimony, as well as legal malpractice defense.

Columbia Law School, New York, NY
Research assistant, Prof. J. Fagan, 2009
Research assistant, Prof. B. L. Liebman, 2008

Hon. Alvin K. Hellerstein, District Court for the Southern District of N.Y.
Judicial intern, 2009

Chevron Energy and Technology Center, Richmond, CA
Visiting scientist, 2006

CECAM (European Center for Atomistic and Molecular Computation), Lyon, France
Visiting scientist, 2005

TEACHING EXPERIENCE

Temple University, Beasley School of Law, Philadelphia, Pennsylvania

- Civil Procedure (fall 2022, fall 2023)
- Evidence (spring 2024)
- Scientific and Statistical Evidence (spring 2023, spring 2024)

New York University School of Law, New York, New York

- Lawyering (year-long; 2019-20, 2020-21, 2021-22)

One World Middle School, Bronx, New York

- Instructor, year-long eighth-grade class on legal system (2017-18)
- Instructor, semester-long eighth-grade class on legal system (spring 2017)

Davis Polk & Wardwell LLP, New York, New York

- Co-instructor CLE and other courses aimed at developing junior lawyers' skills (2015-2018)

Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore, India

- Co-organizer and lecturer, School on Understanding Molecular Simulations (2007)

CECAM (European Center for Atomistic and Molecular Computation), Lyon, France

- Instructor and lecturer, Molecular Simulation Workshop (2005)

University of Amsterdam, Amsterdam, The Netherlands, 2003-2007

- Instructor, Understanding Molecular Simulation (four cohorts)
- Teaching Assistant, Symmetry and Patterns in Nature (three cohorts)
- Supervised research by master-level students

PRESENTATIONS

Legal Scholarship

Against Expert Impeachment

- Evidence Summer Workshop, Vanderbilt Law School, scheduled for May 2024

Gamesmanship in Litigation

- Civil Procedure Workshop, UC Law SF, scheduled for June 2024 (plenary session)
- Law & Society Association Annual Meeting, scheduled for June 2024
- Federal Courts Junior Scholars Workshop, George Washington Law School, March 8, 2024
- Junior Scholars Workshop, Northeastern Law School, Mar. 1, 2024
- Temple Law Junior Faculty Colloquium, Nov. 30, 2024
- AALS Jurisprudence Section Junior Scholars Workshop, online, Aug. 4, 2023
- Summer Workshop Series, Temple Law School, Jun. 14, 2023
- Law & Humanities Workshop, Temple University, Apr. 5, 2023
- Legal Theory Workshop, University of Maryland Carey School of Law, Mar. 9, 2023

Discovery Culture

- SEALS Prospective Teachers Workshop, Amelia Island, FL, Jul. 27, 2021
- Junior Scholars Workshop, online, Nov. 12, 2020
- NYU Lawyering Scholarship Colloquium, online, Nov. 6, 2020 and Jun. 14, 2021

Litigation after the Knowledge Crisis

- Evidence Summer Workshop 2020, online, Aug. 6, 2020
- NYU Academic Careers Program Scholarship Clinic, online, Apr. 13, 2020
- NYU Lawyering Scholarship Colloquium, NYU, January 23, 2020 and Nov. 13, 2019

On the Early Proceedings on the Admissibility of Expert Testimony

- NYU Lawyering Scholarship Colloquium, NYU, Aug. 1, 2019

Panelist/Discussant

- AALS Annual Meeting, *Daubert at 30: Reflecting on the Past, Present and Future of Expert Evidence*, Jan. 5, 2024 (panelist)
- Evidence Summer Workshop 2022, Vanderbilt Law School, Nashville, TN, May 6, 2022 (discussant)

Scientific Scholarship (selected)

Diffusion in porous media: A new method for a better understanding.

- Amsterdam Center for Multiscale Modeling, The Netherlands, Jun. 8, 2007 (invited)

Understanding diffusion in nanoporous materials: How do molecules move in confinement?

- Prof. F. Keil Group, Hamburg University of Technology, Germany, Mar. 2, 2007 (invited)
- Conference on Nucleation, Aggregation, and Growth, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore, India, Jan. 29-31, 2007 (invited)

Pinball machines and sliding block puzzles: How do molecules move in confinement?

- Prof. D. Chandler Group, UC Berkeley, Oct. 20, 2006 (invited)

How does loading affect diffusion in confinement? A new method for computing slow diffusion

- CECAM (European Center for Atomistic and Molecular Computing) workshop on catalytic and separation processes in nanoporous materials, Lyon, France, Sept. 5-7, 2005
- DFG (German Research Foundation) meeting, Frankfurt, Germany, Dec. 14, 2004

Diffusion of methane in LTA: How does loading affect diffusivity?

- Prof. T. H. J. Vlugt Group, University of Utrecht, The Netherlands, Nov. 15, 2004 (invited)
- DFG (German Research Foundation) meeting, Stuttgart, Germany, Sept. 23-24, 2004.
- Catalysis and Chemistry Conference, Noordwijkerhout, The Netherlands, Mar. 8-10, 2004

Substitution of silicon by aluminum in MFI and MOR type zeolites; effects on the adsorption of alkanes and selectivity

- Euresco Conference on Isomorphous Substitution, Obernai, France, Mar. 15-20, 2002

MEDIA

Bloomberg Law, *Lawyers Can't Call Jurors 'Yahoos' in East Texas Patent Trial* , Jan. 26, 2023 (quoted on pretrial motion practice) (link)

Excited Utterance podcast, August 24, 2020 (podcast on evidence and proof; episode on *Litigation after the Knowledge Crisis*) (link)

PATENTS

S. Zones, A. Burton, T. L. M. Maesen, B. Smit, E. Beerdsen. Hydrocarbon conversion using molecular sieve SSZ-75. U.S. Patent No. 8,177,961 (2012).

S. Zones, A. Burton, T. L. M. Maesen, B. Smit, E. Beerdsen. Hydrocarbon conversion using molecular sieve SSZ-75. U.S. Patent No. 7,906,698 (2011).

S. Zones, A. Burton, T. L. M. Maesen, B. Smit, E. Beerdsen. Hydrocarbon conversion using molecular sieve SSZ-75. U.S. Patent No. 7,651,603 (2010).

PROFESSIONAL SERVICE

Temple University, Beasley School of Law

- Co-chair and co-founder, Junior Faculty Colloquium, 2023-present
- Member, Faculty Selection Committee, 2023-2024
- Member, Learning Outcomes Committee, 2022-2023

Temple University

- Co-chair and co-founder, Law & Humanities Colloquium, 2022-present

Australian National University Press

- Member, Law Editorial Board, 2023-present

New York University School of Law

- Co-chair, Lawyering Scholarship Colloquium, 2020-21 and 2021-22
- Member, Lawyering Remote Teaching Committee, 2020-21
- Member, Lawyering Negotiation Curriculum Committee, 2019-20, 2020-21, and 2021-22

Davis Polk & Wardwell LLP

- Worked with Legal Aid, the Brennan Center, and other organizations on multiple multi-year projects focused on immigration, voting rights, and criminal justice, as part of extensive pro bono practice, 2010-2018

SELECTED AWARDS

Legal Aid Society Pro Bono Publico Awards 2018, 2017, 2016, 2015, 2014, 2013, 2012, 2011.

LANGUAGES

Dutch (native); Hebrew (native spoken); French and German (advanced); Spanish and Italian (reading knowledge).

BAR ADMISSIONS

New York; S.D.N.Y.; E.D.N.Y.