

David K. Lubensky

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PROFESSIONAL POSITIONS

- **University of Michigan**
Professor of Physics and Biophysics (by courtesy) Sept. 2019–present
Associate Professor of Physics and Biophysics (by courtesy) Sept. 2013–Sept. 2019
Norman M. Leff Assistant Professor of Physics 2006–Sept. 2013
Affiliated with:
Biophysics Graduate Program Oct. 2006–present
Center for Computational Medicine & Biology Oct. 2007–present
& Bioinformatics Graduate Program
Center for the Study of Complex Systems Jan. 2009–present
- **Institut Curie** (Paris, France)
Department of Genetics and Developmental Biology
Mayent-Rothschild Fellow (sabbatical visitor) Sept. 2014–July 2015
- **Vrije Universiteit, Amsterdam**
Department of Physics and Astronomy
Postdoctoral Researcher Aug. 2004–Aug. 2006
Mentor: Fred MacKintosh
- **Rutgers University**
BioMaPS Institute
(jointly with Bell Labs)
Postdoctoral Research Associate Oct. 2003–Aug. 2004
Mentor: Boris Shraiman
- **Bell Labs, Lucent Technologies.**
Theoretical Physics and Biological Computation
Postdoctoral Member of Technical Staff Oct. 2001–Aug. 2004
Mentor: Boris Shraiman

EDUCATION

- Ph.D., **Harvard University**, Physics 2001
Advisor: David R. Nelson

- A.M., **Harvard University**, Physics 1997
- D.E.A. (roughly U.S. master's degree), **Université Louis Pasteur**,
(Strasbourg, France), Physical Chemistry of Macromolecular Materials
Advisor: Jean-François Joanny 1995
- A.B. *summa cum laude*, **Princeton University**, Physics 1994
Advisor: Raymond E. Goldstein

FELLOWSHIPS AND AWARDS (selected)

- Simons Fellow in Theoretical Physics 2022
- Fellow of the American Physical Society 2018
- Mayent-Rothschild Fellowship (Institut Curie, Paris) 2014
- ICAM Senior Fellowship 2014
- Class of 1923 Memorial Teaching Award (U of Michigan) 2013
- NSF CAREER Award 2011
- Norman M. Leff Chair (University of Michigan) 2006
- Robert Dicke Fellowship in Physics, Princeton University (declined) 2001
- Sloan/DOE Postdoctoral Award in
Computational Molecular Biology (declined) 2001
- NSF Postdoctoral Fellowship in Bioinformatics (declined) 2001
- Graduate Fellow, KITP, Univ. of Calif., Santa Barbara 2001
- Maurice Goldhaber Prize (Physics Dept., Harvard University) 1998
- GSAS Merit Fellowship (Harvard University) 1997–1998
- John Tyndall Scholarship (Physics Dept., Harvard University) 1996–1997
- NSF Graduate Research Fellowship 1994–1997
- Phi Beta Kappa 1994
- Kusaka Memorial Physics Prize (Princeton University) 1994
- Barry M. Goldwater Scholarship (U.S. Government) 1992–1994
- Freshman First Honors Prize (Princeton University) 1991
- Manfred Pyka Memorial Physics Prize (Princeton University) 1991

RESEARCH MENTORING

Postdoctoral Fellows

- Sorin Tănase-Nicola (June 2007–January 2010).
[Currently assistant professor, Program in Computational and Systems Biology and Department of Cell and Molecular Biology, Uppsala University (Sweden).]
- Guillaume Salbreux (Nov. 2008–May 2010).
[Currently professor of genetics and evolution, University of Geneva (Previously group leader, the Francis Crick Institute, London, UK.)]
- Zahera Jabeen (Sept. 2011–Oct. 2013).
[Currently research physicist, ExxonMobil corporate strategic research and development.]
- Farzan Beroz (July 2018–June 2021). *Michigan Life Sciences Fellow, jointly mentored with Xiaoming Mao.*
[Currently setting up his own startup company.]
- Minu Varghese (Oct. 2022–present).

Graduate Students

Dissertation Advisor

- Matthew W. Pennington (Sept. 2006 – Aug. 2009). MD/PhD student: Biophysics
PhD defended Aug. 2009, MD completed May 2011.
[Currently assistant professor of anesthesiology and pain medicine, University of Washington Medical Center.]
- Jeremy Hadidjojo (Feb. 2012–June 2017). Physics.
[Currently financial analyst at Goldman Sachs.]
- Joris Paijmans (Jan. 2013 – Jan. 2017). VU Amsterdam, physics.
I was officially Paijmans' co-advisor (Dutch "co-promotor") along with my collaborator Pieter Rein ten Wolde; Paijmans spent a semester and several shorter stays in Ann Arbor, and I also visit Amsterdam regularly, so I was very directly involved in all aspects of his dissertation.
[Currently postdoc at Max Planck Institute for the Physics of Complex Systems (mentor Frank Jülicher).]
- Alexander Golden (Jan. 2013–July 2018). Applied Physics.
[Currently postdoc in theoretical biological physics at Boston University (mentors Kirill Korolev and Pankaj Mehta).]
- Meryl Spencer (May 2013–August 2018). Physics.
NSF Graduate Research Fellowship winner, 2014
[Currently research scientist, Michigan Tech Research Institute, Ann Arbor]
- Michele Monti (Jan. 2014–April 2018). VU Amsterdam, Physics.
I was officially Monti's co-advisor with ten Wolde.
[Currently postdoc at Centre for Genomic Regulation (Barcelona).]
- Ojan Khatib-Damavandi (September 2015–August 2019). Physics.
NSF Graduate Research Fellowship winner, 2016
[Currently postdoc at Syracuse University (mentor M. Lisa Manning)]

- Hayden Nunley (May 2016–June 2020). Biophysics.
NSF Graduate Research Fellowship winner, 2016
[Currently postdoc at the Flatiron Institute of the Simons Foundation (mentor Stas Shvartsman)]
- Avik Mondal (May 2019-Present). Physics.
- Daniel McCusker (January 2020-Present). Applied Physics.

Rotations (and similar)

- Andrew Morten (Winter 2009). Physics.
- Yanxiao Zhang (Fall 2010). Biophysics.
- Aslan Dizaji (March-July 2011). Mechanical engineering.
- David Rowland (Fall 2011). Biophysics.
- Yue Ma (Summer 2012). Physics.
- Hayden Nunley (Winter 2016). Biophysics.
- Chun-Yen Sung (Fall 2019). Biophysics.
- Daniel McCusker (Fall 2019). Applied Physics
- Christian Kelley (Winter 2020). Biophysics
- Zhijian Hu (Spring 2020). Biophysics

Undergraduate Students

- Noora Kazanji (2006–07 academic year). Senior thesis (biomathematics), jointly advised with Pamela Raymond (Molecular, Cellular, and Developmental Biology).
- Aaron Fenyes (2008–09 academic year). Senior thesis (physics).
- Christopher Worsham (2008–09 academic year). Senior thesis (biostatistics), jointly advised with Pamela Raymond (Molecular, Cellular, and Developmental Biology).
- Suzanne Jacobs (summer 2010). Physics student, summer research assistant.
- Steve Colvin (2011–12 academic year). Senior thesis (cell and molecular biology), jointly advised with Pamela Raymond (Molecular, Cellular, and Developmental Biology).
- Yaquir Gleiser (summer 2012–spring 2014). Physics student.
- Andrew McElroy (summer 2012). Biophysics REU student from John Carroll University.
- Vivek Pejaver (2012-13 academic year). Bioengineering student.
- Hayden Nunley (summer 2014). Physics REU student from the University of Oklahoma.
- Nigel Michki (summer 2014). Biophysics REU student from the University at Buffalo (SUNY).

- Alcides Lorenzo Gonzalez: (2015-2017). Cell and molecular biology undergraduate, jointly advised with Pameal Raymond (Molecular, Cellular, and Developmental Biology, University of Michigan).
- Gene Bell (summer and fall 2016). UM rising sophomore, undeclared; M-Sci entering cohort 2015.
- Jiachang “Harry” Liu (2016-17 academic year). UM physics major.
- Jakob Sheridan (summer 2017-spring 2022). UM physics and math major, M-Sci entering cohort 2016.
- Declan Norton (summer 2019). Physics REU student from Trinity College, Dublin.
- Andres Cook (summer 2020). Physics REU student from Harvey Mudd College.
- Curtis Haas (summer 2021). Physics REU student from Colby College.