

Pieter van Dokkum

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Education:

Ph. D. cum laude, University of Groningen, The Netherlands 1999
M. Sc., University of Groningen, The Netherlands 1994

Positions held:

Divisional Director, Physical Sciences and Engineering, Yale University 2017 –
Chair, Physical Sciences and Engineering Tenure and Appointments Committee,
Yale University 2017 –
Sol Goldman Professor of Astronomy, Yale University 2012 –
Chair, Department of Astronomy, Yale University 2011 – 2016
Professor, Astronomy Department, Yale University 2007 – 2012
Associate Professor, Astronomy Department, Yale University 2006
Assistant Professor, Astronomy Department, Yale University 2003 – 2005
Spitzer Fellow, California Institute of Technology 2002
(awarded by the Jet Propulsion Laboratory, Pasadena)
Hubble Fellow, California Institute of Technology 1999 – 2002
(awarded by the Space Telescope Science Institute, Baltimore)
Visiting Graduate Researcher, University of Leiden 1998 – 1999
Graduate Researcher, University of Groningen 1995 – 1998

Honors and awards:

- **Biard Lecturer** 2017
(named annual lecture at the California Institute of Technology)
- **Eddington Lecturer** 2015
(named annual lecture at the University of Cambridge and the RAS)

- **Sol Goldman Family Professor** 2012
(named Yale professorship — inaugural)
- **Marc Aaronson Memorial prize** 2012
(awarded every 18 months to an observational astronomer; worldwide)
- **National Science Foundation CAREER award** 2005
- **Pastoor Schmeitz prize** 2004
(awarded once every three years to a Dutch astronomer below 40)
- **Spitzer Fellowship** 2002
- **Hubble Fellowship** 1999

Publication metrics:

total number of publications: **784**, of which 336 in refereed journals
total citations: **33,116**; h-index: **106** (that is, 106 publications with at least 106 citations)
(May 2018)

External funding:

Approximately **\$ 7M** from external grants. Awards over \$ 200k (Yale portion only):

- National Science Foundation, **\$ 577,803** 2016 — 2019
“The low surface brightness sky with the 48-lens Dragonfly Telephoto Array”
- Space Telescope Science Institute, **\$ 288,710** 2016 — 2018
“A wide-field WFC3 imaging survey in the COSMOS field”
- National Science Foundation, **\$ 480,290** 2013 — 2016
“The Dragonfly project: imaging the outer limits of nearby galaxies”
- NASA Astrophysical Data Analysis Program, **\$ 484,580** 2010 — 2013
“A complete census of passive galaxies, star forming galaxies, and obscured AGN at $1 < z < 3$ ”
- Space Telescope Science Institute, **\$ 652,459** 2010 — 2013
“3D-HST: A spectroscopic galaxy evolution treasury”
- National Science Foundation, **\$ 440,819** 2008 — 2011
“The NEWFIRM medium-band survey: accurate redshifts for 80,000 K-selected galaxies”
- National Science Foundation (CAREER), **\$ 633,242** 2005 — 2010
“The formation epoch of massive galaxies”

- Jet Propulsion Laboratory 2005 — 2007
“A public deep IRAC survey in the Extended CDF-South”
- NASA Long Term Space Astrophysics, \$ 585,082 2004 — 2009
“The progenitors of massive galaxies”

Supervision:

Ph. D. students (with current affiliation):

Yotam Cohen	2018 —
Dhruba Dutta Chowdhury	2018 —
Lamiya Mowla	2016 —
Shany Danieli	2016 —
Allison Merritt (<i>MPIA Fellow, MPIA, Heidelberg</i>)	2013 — 2017
Joel Leja (<i>NSF Fellow, Harvard University</i>)	2012 — 2016
Erica Nelson (<i>Hubble Fellow, Harvard University</i>)	2011 — 2016
Daniel Szomoru (<i>Advanced Analytics Consultant, IBM</i>)	2008 — 2013
Rachel Bezanson (<i>Assistant Professor, University of Pittsburgh</i>)	2008 — 2013
Tomer Tal (<i>Data Science Manager, Chegg Inc.</i>)	2009 — 2012
Katherine Whitaker (<i>Assistant Professor, University of Connecticut</i>)	2007 — 2012
Gabriel Brammer (<i>ESA/AURA Astronomer II, STScI</i>)	2006 — 2010
Edward Taylor (<i>Swinburne University of Technology</i>)	2005 — 2010
Maaïke Damen (<i>NWO: Netherlands Organization for Scientific Research</i>)	2005 — 2010
Mariska Kriek (<i>Associate Professor, University of California, Berkeley</i>)	2004 — 2007
Stijn Wuyts (<i>Senior Lecturer, University of Bath</i>)	2003 — 2007
Ryan Quadri (<i>Insight Data Science Fellow, Palo Alto</i>)	2003 — 2007
Arjen van der Wel (<i>Max Planck Institute for Astronomy, Heidelberg</i>)	2000 — 2005

Postdoctoral Associates (with current affiliation):

Mauro Stefanon (<i>University of Leiden</i>)	2017 — 2018
Hakim Atek (<i>Institut d’Astrophysique de Paris</i>)	2015 — 2016
Ivelina Momcheva (<i>Mission Scientist, STScI</i>)	2011 — 2015
Rosalind Skelton (<i>SALT Astronomer, South African Astronomical Observatory</i>)	2010 — 2013
Britt Lundgren (<i>Assistant Professor, University of North Carolina</i>)	2009 — 2012
David Wake (<i>Open University</i>)	2009 — 2012
Adam Muzzin (<i>Assistant Professor, York University</i>)	2007 — 2011
Jenica Nelan (<i>Information Systems Analyst, Dartmouth-Hitchcock</i>)	2006 — 2007
Danilo Marchesini (<i>Associate Professor, Tufts University</i>)	2004 — 2009
Sune Toft (<i>Associate Professor, University of Copenhagen</i>)	2004 — 2006

Teaching:

ASTR 220: Galaxies and Cosmology

ASTR 555: Observational Astronomy

ASTR 565: The Evolving Universe

Service:

- Divisional Director, Physical Sciences & Engineering, Yale 2017 –
- Chair, Physical Sciences & Engineering Tenure and Appointments Committee, Yale 2017 –
- Chair, Physical Sciences & Engineering Advisory Committee, Yale 2017 –
- Member, Keck Science Steering Committee 2017 –
- Chair, extragalactic panel of Hubble Space Telescope proposal review 2016
- Chair, Astronomy Department, Yale 2011 – 2016
- Chair, Hubble Fellows selection committee 2012
- Chair, YCAA Fellow selection committee 2012
- Member, WIYN telescope governing Board 2012 – 2014
- Director, Yale Research Observatories 2009 – 2011
- Member, Keck Science Steering Committee 2009 – 2011
- Member, Thirty Meter Telescope Science Advisory Committee 2009 – 2011
- Member, Divisional Committee for Science and Engineering, Yale 2009 – 2011
- Chair, WIYN Science Advisory Committee 2007 – 2010
- Chair, Spitzer Warm Mission committee on the distant Universe 2007
- Member, Steering Committee Spitzer Warm Mission 2007 – 2008
- Member, Yale Course of Study Committee 2007 – 2008
- Member, Scientific Organizing Committee (various meetings) 2006 –
- Chair, Gemini telescope Staff Time Allocation Committee 2006 – 2008
- Member, WIYN Science Advisory Committee 2005 – 2006
- Member, Gemini Observatory US Science Advisory Committee 2005 – 2009
- Various Yale Astronomy and Physics committees 2003 –
- Organizer weekly astronomy talks, Caltech 2000 – 2002

Scientific leadership:

- PI, HST Medium Program “A Wide Field WFC3 Survey of the COSMOS Field” 2015 –
- co-PI, Dragonfly Telephoto Array 2013 –
- PI, HST Treasury Program “3D-HST” 2012 –
- PI, Spitzer Large Program “An IRAC Survey of the E-CDF-South” 2010 – 2012
- PI, the NEWFIRM Medium Band Survey 2008 – 2012
- PI, Gemini Key Science Project on Massive Galaxies 2005 – 2008
- co-PI, Multi-wavelength Survey by Yale-Chile (MUSYC) 2004 – 2008

Seminars and invited reviews:

More than 20 colloquia and invited contributions to conferences in the past five years.