

Pieter van Dokkum

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Education:

Ph. D., Cum Laude, University of Groningen, The Netherlands 1999
Advisors: Marijn Franx & Garth Illingworth
Thesis: "Formation and Evolution of Early-Type Galaxies"
M. Sc., University of Groningen, The Netherlands 1994

Positions held:

Sol Goldman Professor of Astronomy, Yale University 2012 –
Chair, Astronomy Department, 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, Leiden University 1998 – 1999
Graduate Researcher, Groningen University 1995 – 1998

Honors and awards:

- **Eddington Lecturer** 2015
Named annual lecture at Cambridge and the Royal Astronomical Society
- **Sol Goldman Family Professor** 2012
Named Yale professorship (inaugural)
- **Marc Aaronson Memorial Lectureship** 2012
Prize awarded every 18 months to an observational astronomer (worldwide)
- **National Science Foundation CAREER award** 2005

NSF's Faculty Early Career Development Program

- **Pastoor Schmeitz Prize** 2004
Awarded once every three years to a Dutch astronomer younger than 40
- **Spitzer Fellowship** 2002
Awarded by the Jet Propulsion Laboratory, Pasadena
- **Hubble Fellowship** 1999
Awarded by the Space Telescope Science Institute, Baltimore

Publications:

Per October 2016: 460 publications, of which 300 in refereed journals. Eighteen first-author publications with > 100 citations; 27,275 total citations; h-index of 96.

External funding:

Approximately \$ 6 M from external grants. Main awards:

- NSF Award, \$ **577,803** 2016 – 2018
“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”
- NSF Award, \$ **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”
- NSF Award, \$ **440,819** 2008 – 2011
“The NEWFIRM Medium-Band Survey: Accurate Redshifts for 80,000 *K*-Selected Galaxies”
- NSF CAREER Award, \$ **633,242** 2005 – 2010
“The Formation Epoch of Massive Galaxies”
- JPL Spitzer GO (PI), \$ **225,896** 2005 – 2007
“A Public Deep IRAC Survey in the Extended CDF-South”
- NASA Long Term Space Astrophysics (LTSA), \$ **585,082** 2004 – 2009
“The Progenitors of Massive Galaxies”

Supervision:

Postdoctoral: Sune Toft (2004 – 2006), Danilo Marchesini (2004 – 2009), Jenica Nelan (2006 – 2007), Adam Muzzin (2007 – 2011), David Wake (2009 – 2012), Britt Lundgren (2009 – 2012), Rosalind Skelton (2010 – 2013), Ivelina Momcheva (2011 – 2015), Hakim Atek (2015 – 2016)

Graduate students (theses): Arjen van der Wel (2000 – 2005), Ryan Quadri (2003 – 2007), Stijn Wuyts (2003 – 2007), Mariska Kriek (2004 – 2007), Maaïke Damen (2005 – 2010), Ned Taylor (2005 – 2010), Gabriel Brammer (2006 – 2010), Katherine Whitaker (2007 – 2012), Tomer Tal (2009 – 2012), Rachel Bezanson (2008 – 2013), Daniel Szomoru (2008 – 2013), Erica Nelson (2011 – 2016), Joel Leja (2012 – 2016), Allison Merritt (2013 –), Shany Danieli (2016 –), Lamiya Mowla (2016 –)

Teaching:

ASTR 220: Galaxies and Cosmology

ASTR 555: Observational Astronomy

ASTR 565: The Evolving Universe

Service:

- Chair, Yale Astronomy Department *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*
Represent Yale’s interests in the Keck, WIYN, and SMARTS Observatories
- Member, Keck Science Steering Committee *2009 – 2011*
Advises on the scientific direction of Keck Observatory
- Member, Thirty Meter Telescope Science Advisory Committee *2009 – 2011*
Responsible for planning and implementing the construction of TMT and its instrumentation
- Member, Divisional Committee for Science and Engineering *2009 – 2011*
Provides advice on strategic direction of Science and Engineering at Yale; also Promotions Committee.
- Chair, WIYN Science Advisory Committee *2007 – 2010*
Represents WIYN-related science interests of Wisconsin, Indiana, Yale, and NOAO
- Chair, Spitzer Warm Mission committee on the Distant Universe *2007*
Assists in building science case for extension of the Spitzer mission
- Member, Steering Committee Spitzer Warm Mission *2007 – 2008*
- Member, Yale Course of Study Committee *2007 – 2008*
Controls, supervises, and improves the curriculum of Yale College
- Member, Scientific Organizing Committee *2006 –*
Various international conferences (Germany, Mexico, Netherlands, Japan)
- Chair, Gemini telescope Staff Time Allocation Committee *2006 – 2008*
- Member, Time Allocation Committee *2001 –*

Many telescopes (Keck, HST, Spitzer, among others)

- WIYN Science Advisory Committee 2005 – 2006
Representative of Yale Astronomy Dept
- Gemini Observatory US Science Advisory Committee 2005 – 2009
- Yale Astronomy Graduate Admissions Committee 2003 –
- Yale Tinsley Prize Committee 2003 –
- Organizer weekly astronomy talks 2000 – 2002
California Institute of Technology, Pasadena

Scientific leadership:

- PI, 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: IRAC Survey of the E-CDF-South 2010 – 2012
- PI, NEWFIRM Medium Band Survey 2008 – 2012
- PI, Gemini Key Science Project on massive galaxies 2005 – 2008
- PI, Multi-wavelength Survey by Yale-Chile (MUSYC) 2004 – 2008

Seminars and invited reviews:

More than 25 colloquia and invited contributions to conferences in past five years.