

A Review of HP Programs in the US

2007-2008 Edition of the HP Education Reference Book

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HP Program Summary

Programs to be Listed for 2007-2008

	Program	State		Degree Granted		
1	San Diego State University	California		MS		
2	Colorado State University	Colorado		MS	PhD	
3	University of Florida	Florida		BS	MS	PhD
4	Idaho State University	Idaho	AA	BS	MS	PhD
5	New Illinois Institute of Technology	Illinois		MS		
6	Purdue University	Indiana		BS	MS	PhD
7	Louisiana State University	Louisiana		MS	MS	PhD
8	Uniformed Services University	Maryland			MS	PhD
9	University of Massachusetts Lowell	Massachusetts		BS	MS	PhD
10	University of Michigan	Michigan		BS	MS	PhD
11	University of Missouri-Columbia	Missouri			MS	PhD
12	University of Nevada Las Vegas	Nevada		BS	MS	
13	Rensselaer Polytechnic Institute	New York		BS	MS	PhD
14	New Duke University	North Carolina			MS	
15	Ohio State University	Ohio			MS	PhD
16	University of Cincinnati	Ohio			MS	PhD
17	Oregon State University	Oregon		BS	MS	PhD
18	Bloomsburg University	Pennsylvania		BS		
19	Clemson University	South Carolina			MS	PhD
20	Francis Marion University	South Carolina		BS		
21	University of Tennessee	Tennessee		BS	MS	PhD
22	Vanderbilt University	Tennessee			MS	PhD
23	Texas A&M University	Texas		BS	MS	PhD
24	Texas State Technical College	Texas	AA			
Totals		20 of 50	2	12	21	17
ABET Accredited				3	5	



HP Program Summary – Student Stats

Projected Enrollments for Fall 2007

<i>Program</i>	<i>AA</i>	<i>BS</i>	<i>MS</i>	<i>PhD</i>
Bloomsburg University		14		
Clemson University University			7	4
Colorado State University			9	2
Duke University			0	2
Francis Marion University		18		
Idaho State University	8	5	35	12
Illinois Institute of Technology			55	
Louisiana State University			0	0
Ohio State University			3	0
Oregon State University		33	39	5
Purdue University		10	4	2
Rensselaer Polytechnic Inst		20	2	8
San Diego State University			12	
Texas A&M University		30	18	13
Texas State Technical College	5			
Uniformed Services University			1	1
University of Cincinnati			2	5
University of Florida		12	3	2
University of Mass Lowell		11	25	22
University of Michigan		13	10	8
University of Missouri-Columbia			5	3
University of Nevada - Las Vegas		4	16	
University of Tennessee		10	15	15
Vanderbilt University			1	0
Totals:	13	180	262	104

HP Program Summary – Student Stats

Projected Enrollments for Fall 2007

<i>Program</i>	<i>AA</i>	<i>BS</i>	<i>MS</i>	<i>PhD</i>
Bloomsburg University		8%		
Clemson University University			3%	4%
Colorado State University			3%	2%
Duke University			0%	2%
Francis Marion University		10%		
Idaho State University	62%	3%	13%	12%
Illinois Institute of Technology			21%	
Louisiana State University			0%	0%
Ohio State University			1%	0%
Oregon State University		18%	15%	5%
Purdue University		6%	2%	2%
Rensselaer Polytechnic Inst		11%	1%	8%
San Diego State University			5%	
Texas A&M University		17%	7%	13%
Texas State Technical College	38%			
Uniformed Services University			0%	1%
University of Cincinnati			1%	5%
University of Florida		7%	1%	2%
University of Mass Lowell		6%	10%	21%
University of Michigan		7%	4%	8%
University of Missouri-Columbia			2%	3%
University of Nevada - Las Vegas		2%	6%	
University of Tennessee		6%	6%	14%
Vanderbilt University			0%	0%
Totals:	100%	100%	100%	100%

HP Program Summary – Student Stats

Total Graduates by Degree (2005 – 2006 and 2006 – 2007)

<i>Program</i>	<i>AA</i>	<i>BS</i>	<i>MS</i>	<i>PhD</i>
Bloomsburg University		6		
Clemson University University			5	2
Colorado State University			1	1
Duke University			1	0
Francis Marion University		4		
Idaho State University	2	4	7	2
Illinois Institute of Technology			12	
Louisiana State University			0	0
Ohio State University			2	0
Oregon State University		13	8	1
Purdue University		51	5	0
Rensselaer Polytechnic Inst		10	2	2
San Diego State University			10	
Texas A&M University		16	10	10
Texas State Technical College	10			
Uniformed Services University			3	0
University of Cincinnati			5	2
University of Florida		4	3	1
University of Mass Lowell		4	16	3
University of Michigan		12	12	5
University of Missouri-Columbia			3	0
University of Nevada - Las Vegas		4	8	
University of Tennessee		20	7	0
Vanderbilt University			1	0
Totals:	12	148	121	29

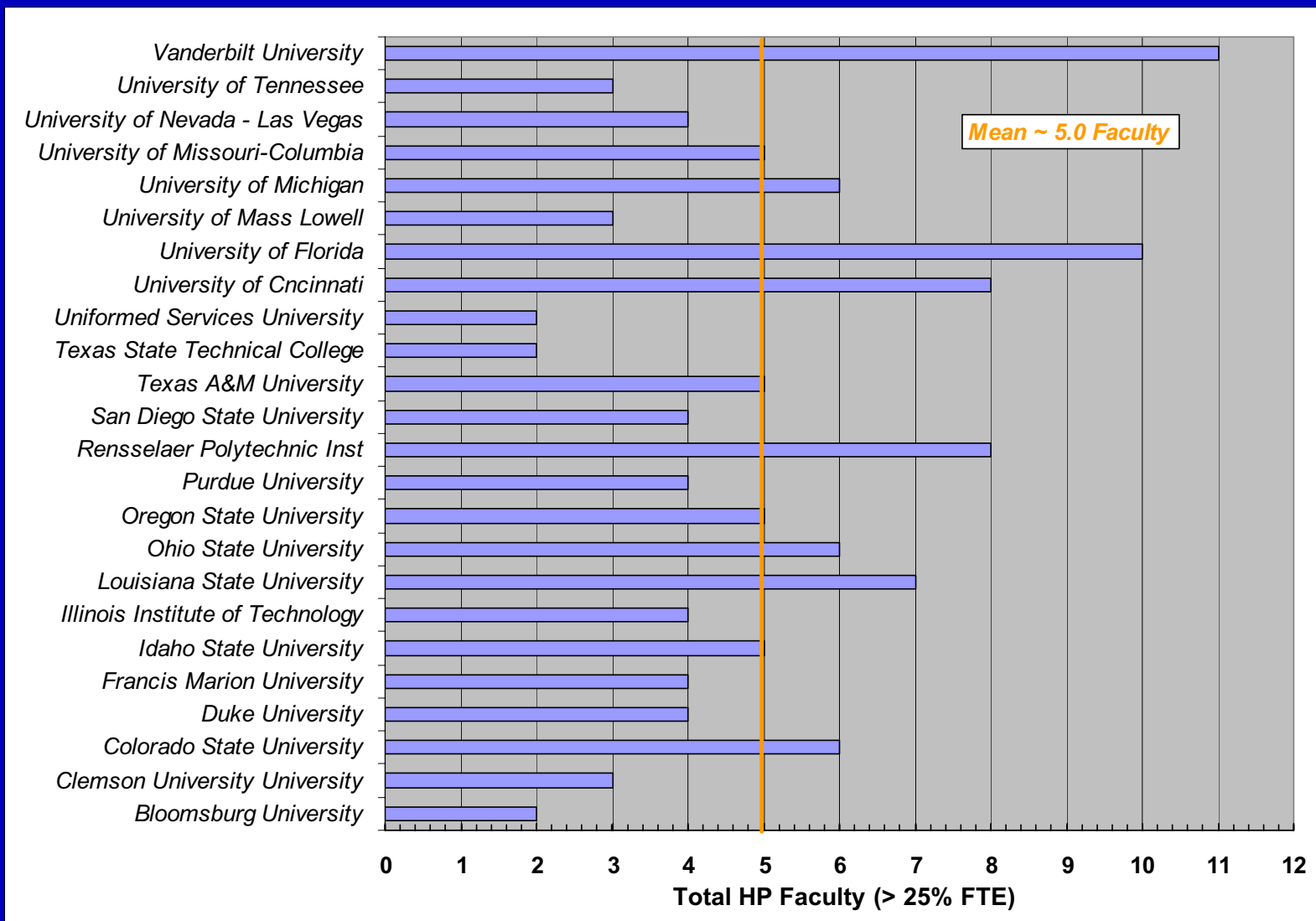
HP Program Summary – Student Stats

Total Graduates by Degree (2005 – 2006 and 2006 – 2007)

<i>Program</i>	<i>AA</i>	<i>BS</i>	<i>MS</i>	<i>PhD</i>
Bloomsburg University		4%		
Clemson University University			4%	7%
Colorado State University			1%	3%
Duke University			1%	0%
Francis Marion University		3%		
Idaho State University	17%	3%	6%	7%
Illinois Institute of Technology			10%	
Louisiana State University			0%	0%
Ohio State University			2%	0%
Oregon State University		9%	7%	3%
Purdue University		34%	4%	0%
Rensselaer Polytechnic Inst		7%	2%	7%
San Diego State University			8%	
Texas A&M University		11%	8%	34%
Texas State Technical College	83%			
Uniformed Services University			2%	0%
University of Cincinnati			4%	7%
University of Florida		3%	2%	3%
University of Mass Lowell		3%	13%	10%
University of Michigan		8%	10%	17%
University of Missouri-Columbia			2%	0%
University of Nevada - Las Vegas		3%	7%	
University of Tennessee		14%	6%	0%
Vanderbilt University			1%	0%
Totals:	100%	100%	100%	100%

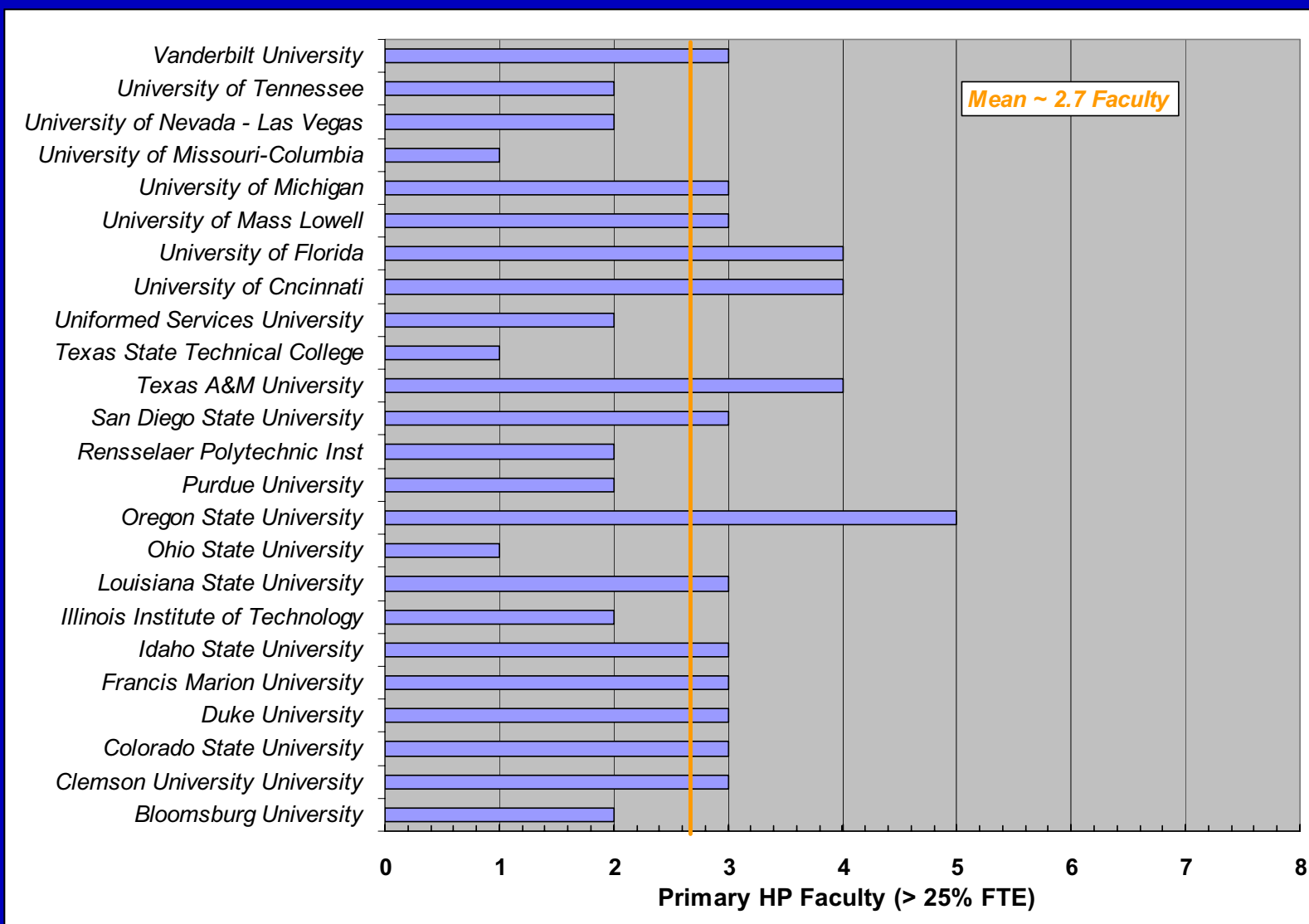
HP Program Summary – Faculty Stats

Total HP Faculty Members at > 25% FTE



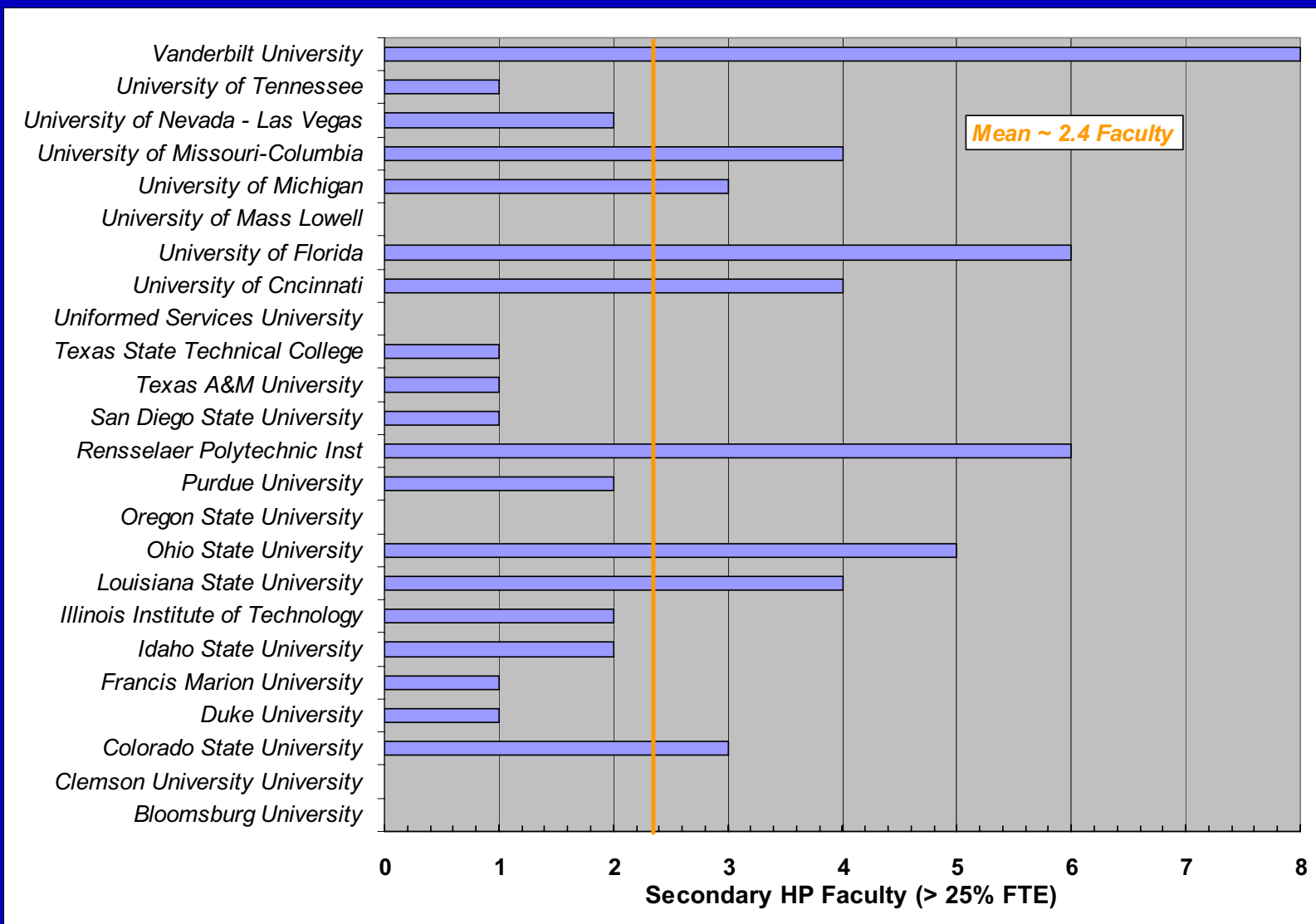
HP Program Summary – Faculty Stats

Primary HP Faculty Members at > 25% FTE



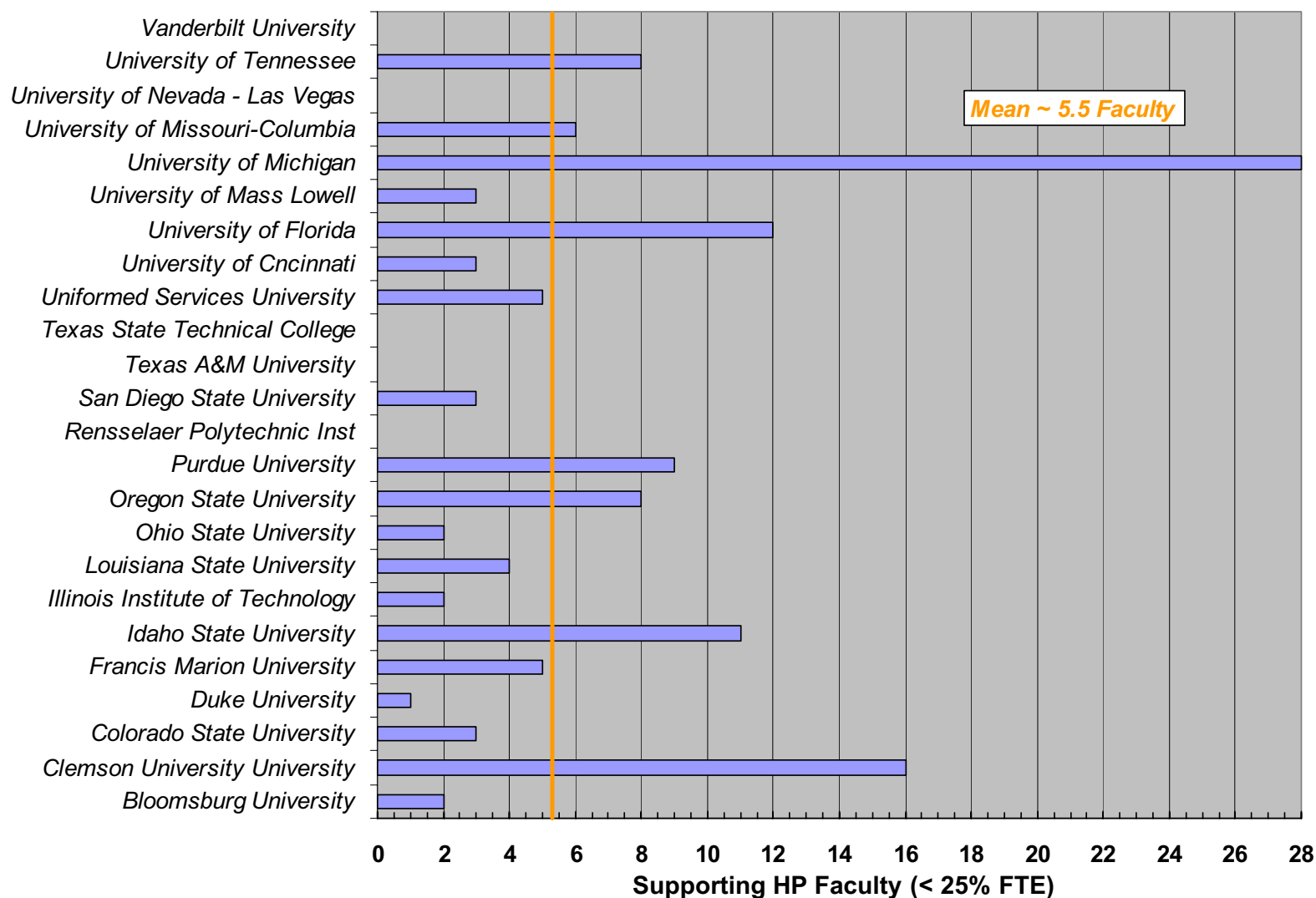
HP Program Summary – Faculty Stats

Secondary HP Faculty Members at > 25% FTE



HP Program Summary – Faculty Stats

Supporting HP Faculty Members at < 25% FTE



HP Program Summary – Faculty Stats

Research Areas of Interest – Health Physics

<i>HP Specialty Areas</i>	<i>Primary Field</i>	<i>Secondary Field</i>	<i>Tertiary Field</i>	<i>Totals</i>
Accelerator HP	1	2	1	4
Aerosol Mechanics	5	0	0	5
Applied HP	12	3	3	18
Emergency Response	0	1	1	2
Environmental HP	12	4	3	19
Medical HP	3	4	6	13
Microdosimetry	1	0	0	1
Non-Ionizing Radiation	2	0	0	2
Radiation Biology	4	4	3	11
Radiation Detection	13	7	4	24
Radiation Dosimetry	3	10	3	16
Internal Dosimetry	5	5	0	10
External Dosimetry	1	4	0	5
Radiation Physics	10	1	1	12
Radiation Shielding	2	5	2	9
Radiation Transport	9	5	1	15
Radioactive Waste	2	2	4	8
Radiochemistry	3	1	0	4
Reactor HP	1	4	0	5
Risk Assessmet	6	4	2	12
<i>Totals</i>	95	66	34	195

HP Program Summary – Faculty Stats

Research Areas of Interest – Health Physics

<i>HP Specialty Areas</i>	<i>Primary Field</i>	<i>Secondary Field</i>	<i>Tertiary Field</i>	<i>Totals</i>
Accelerator HP	1%	3%	3%	2%
Aerosol Mechanics	5%			3%
Applied HP	13%	5%	9%	9%
Emergency Response		2%	3%	1%
Environmental HP	13%	6%	9%	10%
Medical HP	3%	6%	18%	7%
Microdosimetry	1%			1%
Non-Ionizing Radiation	2%			1%
Radiation Biology	4%	6%	9%	6%
Radiation Detection	14%	11%	12%	12%
Radiation Dosimetry	3%	15%	9%	8%
Internal Dosimetry	5%	8%		5%
External Dosimetry	1%	6%		3%
Radiation Physics	11%	2%	3%	6%
Radiation Shielding	2%	8%	6%	5%
Radiation Transport	9%	8%	3%	8%
Radioactive Waste	2%	3%	12%	4%
Radiochemistry	3%	2%		2%
Reactor HP	1%	6%		3%
Risk Assessmet	6%	6%	6%	6%
Totals	100%	100%	100%	100%

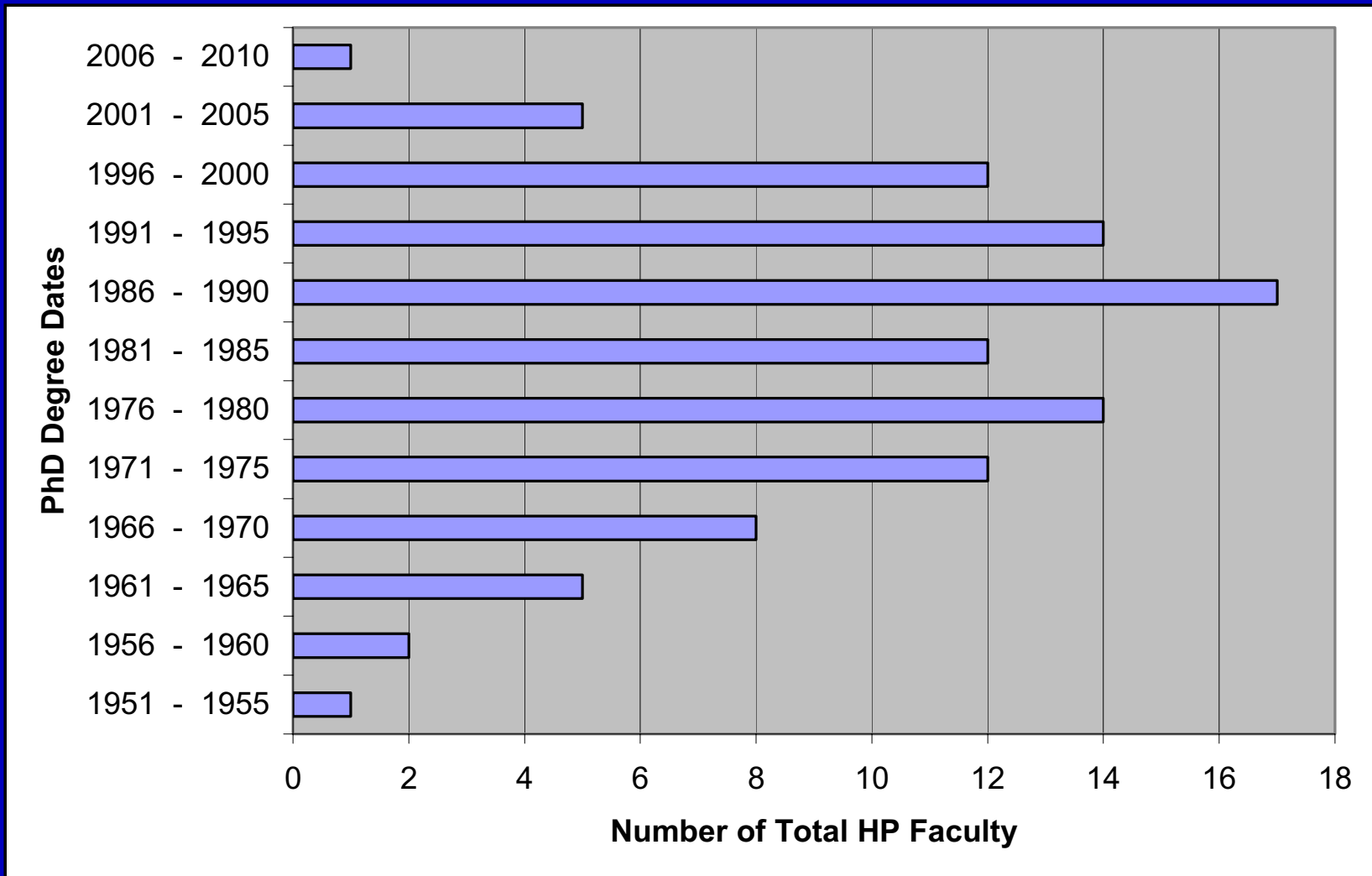
HP Program Summary – Faculty Stats

Research Areas of Interest – MP, NE, and Other Engineering

<i>Medical Physics</i>	<i>Primary Field</i>	<i>Secondary Field</i>	<i>Tertiary Field</i>	<i>Totals</i>
Diagnostic Imaging	8	4	2	14
Therapy Physics	5	1	0	6
<i>Totals</i>	13	5	2	20
 <i>Nuclear / Other Eng</i>				
Criticality Safety	0	1	0	1
Environmental Eng	1	0	0	1
Fusion Engineering	0	1	0	1
Materials Engineering	1	0	0	1
Nuclear Fuel	1	1	0	2
Radiat Material Damage	1	0	0	1
Reactor Physics	7	7	3	17
Thermal Hydraulics	1	3	0	4
<i>Totals</i>	12	13	3	28

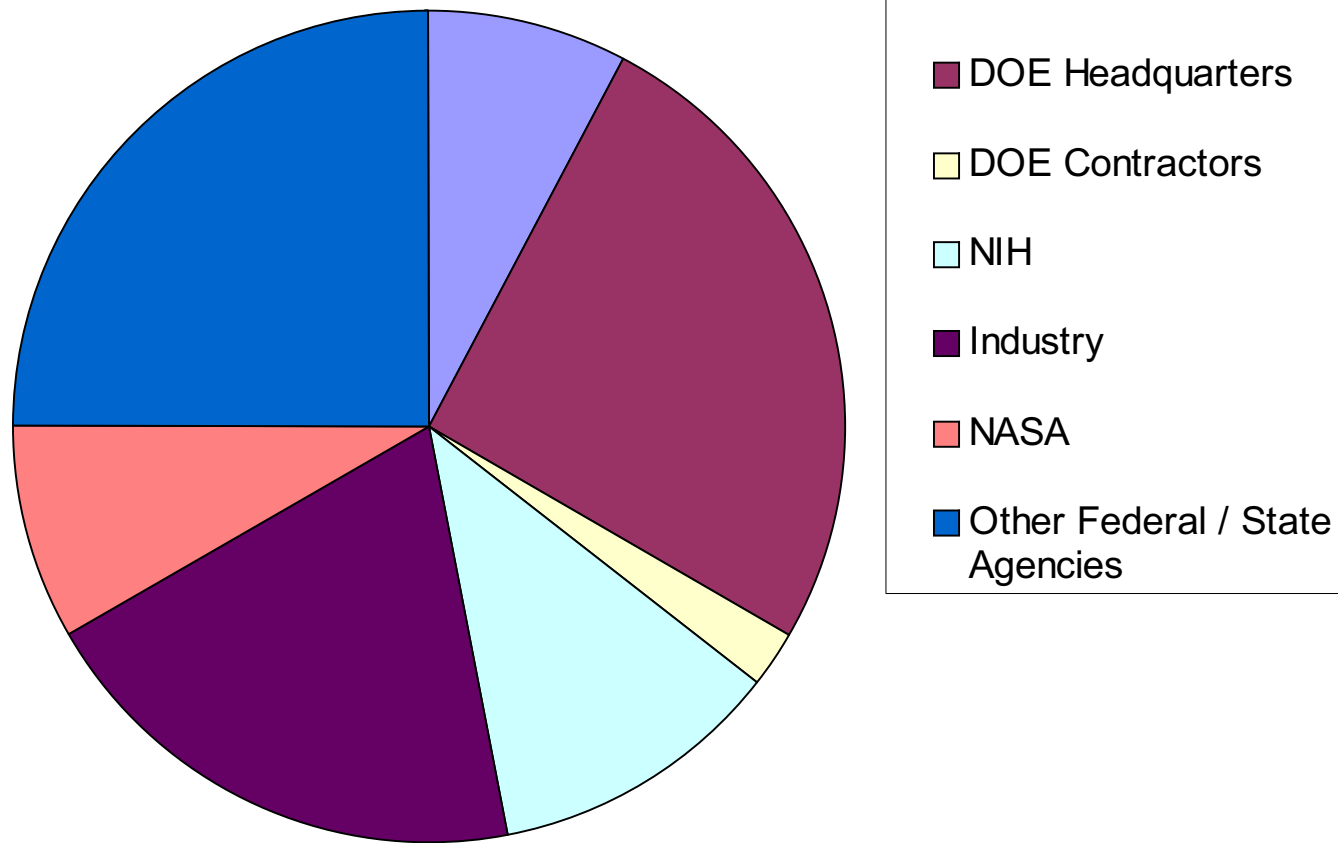
HP Program Summary – Faculty Stats

“Age Distribution” – PhD Degree Dates



HP Program Summary – Faculty Stats

Funding Sources by Agency (Active 2003 – Present)



HP Program Summary – Faculty Stats

Funding Sources by Agency (Active 2003 – Present)

Funding Source	Number	% of Total
American Cancer Society	1	1%
AFRI	1	1%
CDC	5	3%
DHS	1	1%
DOD	6	3%
DOE - Environmental Manag	12	7%
DOE - Nuclear Engineering	29	16%
DOE - Science	6	3%
DOE - Natonal Laboratories	14	8%
DOE Contractor	4	2%
DoEd	4	2%
DTRA	2	1%
EPRI	1	1%
Industry	36	20%
NASA	15	8%
NATO	1	1%
NIH	21	11%
NNSA	3	2%
NSF	2	1%
Private Foundations	3	2%
Professional Society	1	1%
State Government	9	5%
University - Internal	6	3%
Totals	183	100%



Thanks again for your help in data collection!

Will commit to updating the Reference Book annually

Any suggestions for changes – wbolch@ufl.edu

