

COACHE Data Tables for NAS Meeting: September 9, 2013 -- Cathy A. Trower

Table 1. Demographics: Gender, Race, and Years as Associate

Race	Males	Females	0-6 Years	7-12 Years
White, non-Hispanic	616	346	785	177
Asian, Asian-American, or Pacific Islander	137	57	177	17
Hispanic or Latino/a	40	14	47	7
Black or African American	21	13	24	10
Other	5	4	8	1
Multiracial	5	3	7	1

Table 2. Scales Used

Scale	5	4	3	2	1
Satisfaction	Very satisfied	Satisfied	Neither satisfied nor dissatisfied	Dissatisfied	Very dissatisfied
Agreement	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree
Importance	Very important	Important	Neither important nor unimportant	Unimportant	Very unimportant
Effectiveness	Very effective	Effective	Neither effective nor ineffective	Ineffective	Very ineffective
Clarity	Very clear	Somewhat clear	Neither clear nor unclear	Somewhat unclear	Very unclear

Table 3. Research Dimensions

Level of satisfaction or dissatisfaction with...	0-6 Years	7-12 Years	Sig Dif
Portion of your time spent on research	3.53	3.17	*
Amount of external funding expected	3.24	2.83	*
Influence you have over the focus of your research	4.32	4.09	*
Quality of graduate students to support your research	3.26	3.03	*
Institutional support (e.g., internal grants/seed money) for your research	2.89	2.56	*
Support your institution provides you for engaging undergraduates in your research	3.24	3.05	*
Support your institution has offered for:			
-- Obtaining externally funded grants (pre-award)	3.29	3.07	*
-- Managing externally funded grants (post-award)	3.13	3.07	
-- Securing grad student assistance	2.94	2.64	*
-- Traveling to present papers or conduct research	3.13	2.87	*
-- Availability of course-release time to focus on research	2.80	2.46	*

ALL TABLES: * denotes significant difference at .05 level or higher

Table 4. Service Dimensions

Level of satisfaction or dissatisfaction with...	0-6 Years	7-12 Years	Sig Dif
Portion of your time spent on service	3.38	3.30	
Number of committees on which you serve	3.43	3.32	
Attractiveness (e.g., value, visibility, importance, personal preference) of the committee on which you serve	3.41	3.35	
Discretion you have to choose the committees on which you serve	3.45	3.25	*
How equitably committee assignments are distributed across faculty in your department	3.00	2.73	*
Number of students you advise/mentor (including oversight of independent study, research projects, internships, study abroad)	3.64	3.49	*
Level of agreement or disagreement that...			
My institution does what it can to help faculty who take on additional leadership roles (e.g., major committee assignments, department chairmanship) to sustain other aspects of their faculty work.	3.26	3.07	*

Table 5. Teaching Dimensions

Level of satisfaction or dissatisfaction with...	0-6 Years	7-12 Years	Sig Dif
Portion of your time spent on teaching	3.75	3.80	
Number of courses you teach	3.73	3.64	
Level of courses you teach	4.01	3.93	
Discretion you have over the content of the courses you teach	4.30	4.24	
Number of students in the classes you teach, on average	3.70	3.59	
Quality of the students you teach, on average	3.31	3.32	
Quality of the graduate students to support your teaching	3.34	3.18	
Support the institution has offered you for improving your teaching	3.30	3.11	*
How equitably the teaching workload is distributed across faculty in your department	3.04	2.82	*

Table 6. Work Balance

Level of agreement or disagreement that...	0-6 Years	7-12 Years	Sig Dif
I am able to balance the teaching, research, and service activities expected of me.	3.25	2.78	*

Table 7. Resources, Support, Salary, and Benefits

Level of satisfaction or dissatisfaction with...	0-6 Years	7-12 Years	Sig Dif
Office	3.76	3.71	
Laboratory, research, or studio space	3.36	3.29	
Equipment	3.44	3.32	
Classrooms	3.47	3.32	
Library resources	3.93	3.92	
Computing and technical support	3.45	3.53	
Salary	2.93	2.70	*
Clerical/administrative support	3.14	3.11	
Health benefits for yourself	3.48	3.53	
Health benefits for your family (i.e., spouse, partner, and dependents)	3.28	3.34	
Retirement benefits	3.42	3.24	*
Housing benefits (e.g., real estate services, subsidized housing, low-interest mortgage)	2.59	2.16	*
Spousal/partner hiring program	2.71	2.31	*
Childcare	2.62	2.39	
Tuition waivers, remission, or exchange	2.65	2.64	
Eldercare	2.86	2.52	*
Phased retirement options	3.29	2.99	*
Family medical/parental leave	3.42	3.41	
Flexible workload/modified duties for parental or other family reasons	3.62	3.35	*

Table 8. Support for Interdisciplinary Work

Level of agreement or disagreement with...	0-6 Years	7-12 Years	Sig Dif
Budget allocations encourage interdisciplinary work	2.82	2.53	*
Campus facilities (e.g., spaces, buildings, centers, labs) are conducive to interdisciplinary work	2.91	2.72	
Interdisciplinary work is rewarded in the merit process	2.82	2.52	*
Interdisciplinary work is rewarded in the promotion process	2.86	2.52	*
My department understands how to evaluate interdisciplinary work	2.94	2.54	*

Table 9. Collaboration

Level of satisfaction or dissatisfaction with...	0-6 Years	7-12 Years	Sig Dif
Your opportunities for collaboration with other members of your department	3.64	3.60	
Your opportunities for collaboration within your institution, faculty outside your department	3.67	3.62	
Your opportunities for collaboration with faculty outside of your institution	3.88	3.64	*

Table 10. Mentoring

Level of importance or unimportance of...	0-6 Years	7-12 Years	Sig Dif
Having a mentor or mentors in your department	4.30	4.25	
Having a mentor or mentors outside your department at your institution	3.56	3.62	
Having a mentor or mentors outside your institution	3.70	3.62	
Level of effectiveness or ineffectiveness of...			
Mentoring from someone in your department	3.50	3.00	*
Mentoring from someone outside your department at your institution	3.47	3.28	
Mentoring from someone outside your institution	3.81	3.51	*
Level of agreement or disagreement with...			
There is effective mentoring of pre-tenure faculty in my department.	3.05	2.78	*
There is effective mentoring of tenured associate professors in my department.	2.26	1.87	*
My institution provides adequate support for faculty to be good mentors.	2.37	2.08	*

Table 11. Promotion

Level of agreement or disagreement with...	0-6 Years	7-12 Years	Sig Dif
My department has a culture where associate professors are encouraged to work towards promotion to full professorship.	3.62	2.90	*
Generally, the expectations for promotion from associate to full professor are reasonable to me.	3.69	2.84	*
Level of clarity or lack of clarity about the...			
Promotion process in my department	3.57	3.30	*
Promotion criteria (what things are evaluated) in my department	3.51	3.25	*
Promotion standards (the performance threshold) in my department	3.20	2.95	*
Body of evidence (the dossier's contents) considered in making promotion decisions	3.56	3.24	*
Time frame within which associate professors should apply for promotion	3.18	2.71	*
My sense of whether or not I will be promoted from associate to full professor	3.29	2.79	*

Table 12. Institutional Governance & Leadership

Level of agreement or disagreement with...	0-6 Years	7-12 Years	Sig Dif
My institution's priorities are stated consistently across all levels of leadership (i.e., president, provost, deans/division heads, and department chairs/heads).	2.92	2.64	*
My institution's priorities are acted upon consistently across all levels of leadership (i.e., president, provost, deans/division heads, and department chairs/heads).	2.77	2.50	*
In the past five years, my institution's priorities have changed in ways that negatively affect my work in my department.	2.90	2.74	

In adapting to the changing mission, I have received sufficient support from my: -- Dean or division head -- Department head or chair	2.59 3.25	2.28 2.77	*
Level of satisfaction or dissatisfaction with...			
My institution's president's/chancellor's: -- Pace of decision making -- Stated priorities -- Communication of priorities to faculty	3.25 3.23 3.19	3.14 3.10 3.12	
My institution's chief academic officer's (provost, VPAA, dean of faculty): -- Pace of decision making -- Stated priorities -- Communication of priorities to faculty -- Ensuring opportunities for faculty to have input into the institution's priorities	3.16 3.11 3.06 3.25	3.04 3.00 2.96 3.33	
My dean's or division head's: -- Pace of decision making -- Stated priorities -- Communication of priorities to faculty -- Ensuring opportunities for faculty to have input into school/college priorities	3.24 3.23 3.25 3.16	3.00 2.99 2.97 2.88	*
My department head's or chair's: -- Pace of decision making -- Stated priorities -- Communication of priorities to faculty -- Ensuring opportunities for faculty to have input into departmental policy decisions -- Fairness in evaluating my work	3.58 3.52 3.55 3.61 3.87	3.34 3.33 3.29 3.37 3.34	*

Table 13. Departmental Faculty Vitality, Productivity, and Effectiveness

Level of satisfaction or dissatisfaction with the...	0-6 Years	7-12 Years	Sig Dif
Intellectual vitality of tenured faculty in your department	3.54	3.44	
Intellectual vitality of pre-tenure faculty in your department	4.01	4.00	
Intellectual vitality of non-tenure-track faculty in your department	3.46	3.40	
Research/scholarly/creative productivity of tenured faculty in your department	3.46	3.41	
Research/scholarly/creative productivity of pre-tenure faculty in your department	3.88	3.82	
Research/scholarly/creative productivity of non-tenure-track faculty in your department	3.38	3.26	
Teaching effectiveness of tenured faculty in your department	3.60	3.37	*
Teaching effectiveness of pre-tenure faculty in your department	3.78	3.56	*
Teaching effectiveness of non-tenure-track faculty in your department	3.78	3.72	

Table 14. Work & Personal Life

Level of agreement or disagreement about...	0-6 Years	7-12 Years	Sig Dif
I have been able to find the right balance between my professional life and my personal/family life.	3.17	2.88	*
My institution does what it can to make personal/family obligations (e.g., childcare or eldercare) and an academic career compatible.	2.97	2.71	*
My departmental colleagues do what they can to make personal/family obligations (e.g., childcare or eldercare) and an academic career compatible.	3.64	3.35	*
Department meetings occur at times that are compatible with my personal/family needs.	3.99	3.84	

Table 15. Climate

Level of satisfaction or dissatisfaction with the...	0-6 Years	7-12 Years	Sig Dif
Amount of professional interaction you have with pre-tenure faculty in your department	3.80	3.62	*
Amount of personal interaction you have with pre-tenure faculty in your department	3.64	3.44	*
How well you fit in your department (e.g., your sense of belonging in your department)	3.61	3.16	*
Amount of professional interaction you have with tenured faculty in your department	3.67	3.50	*
Amount of personal interaction you have with tenured faculty in your department	3.60	3.35	*
Amount of professional interaction you have with non-tenure-track faculty in your department	3.65	3.59	
Amount of personal interaction you have with non-tenure-track faculty in your department	3.55	3.48	
Level of agreement or disagreement about...			
My departmental colleagues “pitch in” when needed.	3.67	3.45	*
On the whole, my department is collegial.	3.97	3.71	*
On the whole, my department colleagues are committed to supporting and promoting diversity and inclusion in the department.	3.90	3.65	*
There is visible leadership at my institution for the support and promotion of diversity on campus.	3.88	3.75	

Table 16. Appreciation and Recognition

Level of satisfaction or dissatisfaction with the...	0-6 Years	7-12 Years	Sig Dif
Recognition you receive for your teaching efforts	3.24	2.85	*
Recognition you receive for your student advising	3.02	2.71	*
Recognition you receive for your scholarly/creative work	3.40	2.99	*
Recognition you receive for your service contributions (e.g., departmental/program administration, faculty governance, committee work, advising/mentoring students, speaking to alumni or prospective students/parents)	3.09	2.63	*
Recognition you receive for your outreach (e.g., extension, community engagement, technology transfer, economic development, K-12 education)	3.08	2.72	*

Level of satisfaction or dissatisfaction with the...			
Recognition you receive, for all your work, from your chief academic officer (provost, VAA, dean of faculty)	2.84	2.62	*
Recognition you receive, for all your work, from your dean or division head	3.12	2.77	*
Recognition you receive, for all your work, from your department head or chair	3.62	3.10	*
Recognition you receive, for all your work, from your colleagues/peers	3.63	3.20	*
Level of agreement or disagreement...			
I feel that my school/college is valued by this institution's President/Chancellor and Provost.	3.75	3.53	*
I feel that my department is valued by this institution's President/Chancellor and Provost.	3.37	3.06	*

Table 17. Global Satisfaction

Level of agreement or disagreement...	0-6 Years	7-12 Years	Sig Dif
The person who serves as the chief academic officer at my institution seems to care about the quality of life for faculty of my rank.	3.04	2.80	*
If I had it to do all over, I would again choose to work at this institution.	3.69	3.33	*
Level of satisfaction or dissatisfaction with...	0-6 Years	7-12 Years	Sig Dif
All things considered, your department as a place to work	3.76	3.46	*
All things considered, your institution as a place to work.	3.63	3.43	*

Table 18. Males v. Females

	0-6 Years		Sig Dif	7-12 Years		Sig Dif
	Males	Females		Males	Females	
Research (satisfaction scale)						
-- Portion of your time spent on research	3.62	3.34	*			
-- Influence you have over the focus of your research	3.20	3.37	*	3.98	4.27	*
-- Availability of course-release time to focus on research	2.85	2.68	*			
Service (satisfaction and agreement scales)						
-- How equitably committee assignments are distributed across faculty in your department	3.08	2.84	*			
-- My institution does what it can to help faculty who take on additional leadership roles to sustain other aspects of their faculty work.	2.96	2.70	*			
Teaching (satisfaction scale)						
-- The quality of students you teach, on average	3.20	3.52	*	3.18	3.54	*
-- Support the institution has offered you for improving your teaching	3.24	3.42	*			
-- How equitably the teaching workload is distributed across faculty in your department	3.10	2.91	*			
Work Balance (agreement scale)						
-- I am able to balance the teaching, research, and service activities expected of me.	3.39	2.99	*			
Resources, Support, Salary, and Benefits (satisfaction scale)						
-- Library resources	3.87	4.05	*	3.80	4.11	*
-- Clerical/administrative support	3.22	2.99	*			
-- Tuition waivers, remission, exchange	2.58	2.83	*			
-- Health benefits for yourself	3.41	3.62	*	3.40	3.75	*
-- Health benefits for your family	3.22	3.40	*	3.20	3.58	*
-- Retirement benefits	3.36	3.53	*			
Mentoring (importance, effectiveness, and agreement scales)						
-- Importance of having a mentor or mentors in your department	4.26	4.39	*			
-- Importance of having a mentor or mentors outside your department at your institution	3.41	3.85	*	3.46	3.86	*
-- Importance of having a mentor or mentors outside your institution	3.57	3.96	*	3.44	3.90	*
-- Effectiveness of mentoring from someone outside your department at your institution	3.71	4.00	*	3.07	3.54	*
-- There is effective mentoring of pre-tenure faculty in your department.	3.13	2.90	*			

For Tables 18-20, only items where there is a statistically significant difference are displayed

	0-6 Years		Sig Dif	7-12 Years		Sig Dif
	Males	Females		Males	Females	
Promotion (agreement and clarity scales) -- My department has a culture where associate professors are encouraged to work towards promotion to full professorship. -- My sense of whether or not I will be promoted from associate to full professor.	3.70	3.46	*			
	3.35	3.17	*			
Institutional Governance & Leadership (satisfaction scale) -- My institution's president's/chancellor's stated priorities -- My department head's or chair's pace of decision making -- My department head's or chair's communication of priorities to faculty -- My department head's or chair's ensuring opportunities for faculty to have input into departmental policy decisions -- My department head's or chair's fairness in evaluating my work	3.64	3.45	*	2.98	3.29	*
	3.64	3.39	*			
	3.70	3.43	*			
	3.93	3.75	*			
Departmental Faculty Vitality, Productivity, and Effectiveness (satisfaction scale) -- Intellectual vitality of pre-tenure faculty in your department -- Research/scholarly/creative productivity of pre-tenure faculty in your department -- Intellectual vitality of non-tenure-track faculty in your department -- Teaching effectiveness of non-tenure-track faculty in your department				3.86 3.71	4.21 4.00	*
				3.20 3.44	3.77 4.17	*
Appreciation and Recognition (satisfaction scale) -- Recognition you receive, for all your work, from your department head or chair	3.68	3.50	*			
Global Satisfaction (satisfaction) -- All things considered, your department as a place to work	3.82	3.66	*			

Table 19. Males with Children Age 18 and Under v. Females with Children Age 18 and Under

	0-6 Years		Sig Dif	7-12 Years		Sig Dif
	Males w/ kids	Females w/ kids		Males w/ kids	Females w/kids	
Research (satisfaction scale) -- Portion of your time spent on research -- Influence you have over the focus of your research -- Quality of graduate students to support your research/scholarly/creative work	3.66 3.22	3.47 3.47	* *	4.04 4.41		*
Work Balance (agreement scale) -- I am able to balance the teaching, research, and service activities expected of me.	3.44	3.17	*			
Mentoring (importance and effectiveness scales) -- Importance of having a mentor or mentors outside your department at your institution -- Importance of having a mentor or mentors outside your institution -- Effectiveness of mentoring from someone outside your department at your institution -- Effectiveness of mentoring from someone outside your institution	3.44 3.72	3.83 3.67 4.07	* * *	3.55	4.00	*
Promotion (clarity scale) -- The promotion process in your department	3.67	3.43	*			
Work & Personal Life (agreement scale) -- Department meetings occur at times that are compatible with my personal/family needs.	4.06	3.85	*			
Appreciation and Recognition (satisfaction scale) -- Recognition you receive from your chief academic officer for all of your work	2.82	3.05	*			

Table 20. Females with Children Age 18 and Under v. Females without Children

	0-6 Years		Sig Dif	7-12 Years		Sig Dif
	Females w/ kids	Females no kids		Females w/ kids	Females no kids	
Research (satisfaction scale)						
-- Portion of your time spent on research	3.47	3.21	*			
-- The amount of external funding you are expected to find	3.30	3.06	*			
-- The influence you have over the focus of your research/scholarly/creative work	4.41	4.22	*			
-- Support your institution has offered for managing externally funded grants (post-award)	3.23	2.95	*			
-- Support your institution has offered for securing graduate student assistance	3.07	2.73	*			
Service (satisfaction scale)						
-- How equitably committee assignments are distributed across faculty in your department	2.98	2.70	*			
-- The number of students you advise/mentor (including oversight of independent study, research projects, internships, study abroad)	3.70	3.48	*			
Teaching (satisfaction scale)						
-- Quality of students you teach, on average	3.41	3.64	*	3.25	3.80	*
Work Balance (agreement scale)						
-- I am able to balance the teaching, research, and service activities expected of me.	3.17	2.79	*			
Resources, Support, Salary, and Benefits (satisfaction scale)						
-- Clerical/administrative support	3.49	3.77	*	2.84	3.49	*
-- Health benefits for yourself	3.28	3.57	*	3.13	3.67	*
-- Health benefits for your family (i.e., spouse, partner, and dependents)						
-- Retirement benefits						
Promotion (agreement scale)						
-- Generally, the expectations for promotion from associate to full professor are reasonable to me.	3.80	3.45	*			
Institutional Governance & Leadership (agreement and satisfaction scales)						
-- My institution's priorities are acted upon consistently across all levels of leadership.	2.94	2.63	*	2.75	3.31	*
-- My dean's or divisions head's ensuring opportunities for faculty to have input into school/college priorities.				2.11	3.00	*
-- [For those who agree that, in the last five years, the institution's mission has changed in ways that have negatively affected their work] I have received sufficient						

support from my dean or division head in adapting to the changing mission. -- My department head's or chair's ensuring opportunities for faculty to have input into departmental policy decisions. -- My department head's or chair's fairness in evaluating my work.	3.58 3.89	3.28 3.59	*			
	0-6 Years		Sig Dif	7-12 Years		Sig Dif
	Females w/ kids	Females no kids		Females w/ kids	Females no kids	
Work & Personal Life (agreement scale) -- I have been able to find the right balance between my professional life and my persona/family life. -- My departmental colleagues do what they can to make personal/family obligations and an academic career compatible.	3.19 3.73	2.80 3.39	*			
Appreciation and Recognition (satisfaction and agreement scales) -- Recognition you receive for your student advising -- Recognition you receive for your scholarly/creative work -- For all of your work, the recognition you receive from your chief academic officer -- For all of your work, the recognition you receive from your department head or chair -- For all of your work, the recognition you receive from your colleagues/peers -- I feel that my department is valued by this institution's President/Chancellor and Provost.	3.10 3.54 3.05 3.64	2.86 3.29 2.77 3.36	*	2.86 2.86	3.43 3.51	*
Global Satisfaction (satisfaction scale) -- All things considered, your department as a place to work	3.79	3.52	*			