GROUP DIFFERENCES IN GRADUATE STUDENTS' CONCEPTS OF THE IDEAL MENTOR

Gail L. Rose*,**

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Graduate students differ in their conceptualizations of mentoring. This study examined the relationship between students' demographic and academic characteristics (age, gender, citizenship, academic discipline, and stage of persistence) and their preferences for three styles of mentoring assessed by the Ideal Mentor Scale (IMS): Integrity, Guidance, and Relationship. Students enrolled in Ph.D. programs at one of two Midwestern Research I Universities (n = 537) completed the IMS, rating the importance of each of 34 mentor attributes on a 5-point likert type scale. MANCOVA yielded significant differences for demographic but not academic variables: women scored higher than men on Integrity, international students scored higher than domestic on Relationship, and age was inversely related to Relationship scores. No group differences were found on the Guidance scale. These findings indicate that graduate students' perceptions of the ideal mentor are influenced somewhat by major socio-cultural factors, but also suggest that individual differences may play a larger role.

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KEY WORDS: mentor, graduate students, gender differences, age differences, foreign students, questionnaires.

v 1 mdu du (h ll 2000: d S u, 1995). d h ll u, 1 y, fi m u d/h h du ud (G . 1995). d d u 1 h h qu 1 v ud , 1976; đπ (K z d d ull, 1998). u 11. h m m h m d du ud mmu 1 ly d ly, d d h d , 2003). d h m , h qu l

y h *D y, h m m y ** dd : G 1 . d 1 h . D y h y, h . 54 W 14. S u h m y m 0 Su 05403-7167. E-m 1: 1. u 1 m

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GRADUATE EDUCATION, DEVELOPMENT, AND MENTORING

m', l, l hm, d u d hm lz
h hy l h l d.
h d ly h fi u mdym
dhll my h h l h (l., 1978).
h u u l u m - '' l h, h , ly
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m d h ldly m h h h, h m l y h l
h u h dul fi u d h '' ll ll
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h u m ll h d fi ul y h dul d d
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d d l , d d Sh (1988) d d
l u lz h fi m h h h d d
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d S u (1995), h h h h d, h , "
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K u u, 1996). h m y d m h d , uly d
du ud u y d I d y d
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h m d d d d d l m d
(G d u , 1995). S fi lly, d d d h uly
d d m h II u d I
ud : h , , h II , d u d
I y, u I , , fim d h . Fu h m , du ud d d h I h h uly h
I m m d d m h qu I y h
I m m d d m h qu I y h
d d d m h II u m d
o (K z d , 1976; u d ull , 1998).
y, m h I u m du du
um h h ud ' m y h d m
h h h m h m - ' ' I h h uld h uld
m d. Wh I u h m y m u h m m d I d m m u h m - ' m I y d h u h I h h du
ud d h h d , II du ud d h
d m . l h l du ud
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h d m m . du ud h h d
h d m m . du ud h h h m ,
m h m fi h m I h h h h
m Ily lu h m. O h m y m m l y d - d m y. u y h m
du ud , u d ull (1998) u d h h l d
d h l l y m , h y ly m d u 21%
h m du ud dh du du h l.
O h lud d , d, m l y , u , - ,
h , m h , d h l .

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d u d du l (..., m m n, ld .y u).
Su h u m y m u m h .
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MEASURING MENTORING

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S filly h y ud u lz h m.
h ly h um y ld d h d
h h 1 l m h d du ld
ud ' u h m d m;..,
u u h h m d m d my
h, d m h h d fi "d 1
m '' d y ; h , u u d d u d m uld h d u h y m u
d . h d, l d y u u du
ud h m 1 u lz m ? F m 1, d
m , l ud , - d l d ud
h m 1 d fi m l h u
ud ? d fi u h u d
m m h 1 l m h du ud .

DEFINING MENTORING IN GRADUATE STUDENT SUBGROUPS Gender

m ' h qu l y h l h , ''' l - m , ''' l - u y d m m d l ul y, m fi ly m l ly h m h d l d h l l y y, m l, h m h d l d h d, fi ly m l ly m ly d m u (F d l., 1996). W m, h h h d, fi ly m l ly h h h m u d h

''' fi h m d h ''. l udy

m d l h l u uly '', d d

u d m l, lud l l y h l u d

d u l' d l d, h

ll h, d - u h (l u, 1998).
d d u d, h , d m l

: m m h m d h fi

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Wld d S h u (1991) dm d m um

du ud d m d d d h

m y m l m ly h

d d m m d m, u h m l d

ml ud d h m d h fi d d h

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y l h h m y l - u ul lz ("m
h ," .., " d u ld l mm h

ud "), h h m l' lud d m

u dd m l ud d m d d m m

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(, 1996). l m d l m h (l , 1980; G l ,

1985; S z , 1981; ul , 1982). l l m d l, l

u d l yl / lu d m m y m l

du ud h m l (G l).

h h l l d d d d m h

u u h d h m d d m h

m d l d yl d y h l u , h l m

d ul m h h ld u h m

z d h d l m . Wh l m d

m m d qu l , '' d d

h ld d d l u h m l h .

ypo h i la: m ' l m d l d u m (y) ll m

m m h m . ypo h i lb: m ' l d

d m (Gud) ll m m m m h m .

Citizenship

l du ud h d du l h m ud u h y h h dd d h ll
du , m d ul u . m d h m
ud , l ud m y h d l yl ,
d l l l , h d ul u . , h h m ud , m fil d h h l
u , u l E l h, d u l u
m d h d m ud (d G , 2001; ll d
d , 1992; d , 1991; m u u h, 2000; Sm h, 1991; W ,
h m , d , 1992). h qu l l m y
h m d h d m ud l m d m
d m u h lz d l m d m
d m u h lz d l m d m
d m u h lz d l m d m
d m ud h d m ul u h d l m
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 d 1 m . F
 m 1, K 1 u (1992) d d ll

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Academic Discipline

Age

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S ag o i nc

METHOD

Sample

Procedure

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h d , h d m ly l h m, h d m d d
uld h d h dd dd.h ml d
h m 1309 d l ud . S ud u d y m l
d d m l qu , h h d d
l . S hu d d d h y-fi ud u d qu ,
48%

Instruments

Dpn n a iab

LE 1. p D o	phi h i i $(n=537)^a$
1	S m 1
[m (SD)] G d (% m l) z h (% - S z)	31.2 (6.9) 55 27
GS/G E D 1 (%) S 1 S um d Edu hy 1 S 1 1 S 1 h S	25 24 19 14 12 6
S (%) S 1:	19 32 49
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m . h um 1 h y u ly m hy h 1 " d 1 m " ud d m m h h uld . h h d d , h l d d 1 , l u h "m d d (2003), h l (, 1957 h fl d y d fi d d Sh , 1988; K	d fi m - m d h ud , "m . S d l d u l- l) h y l m m d h m (, m, 1985; l., 1978) ll
m l lly m l l du, d h d m l d m m d h	(, I I I h , l y). h m dm d

h 1. mul m ly d h S d fi d y h
m ly .
h S 34 m, h h h d u
h lm . m h m, "igh now,
h my m, my d l m uld..." d
d h dl l m h m y l
um h 5- l h d y l, " ll m " d 5,
" m ly m ," h 3 d fi d "m d ly m ." E h
h 34 m l d u qu ly h ly lly- d u - l
l ld y, Gu d , d l h .
h y u - l 14 m h fl hum
d . h l m u m yl
h z d y ul l d h d m m
' m d l , u h l d h d m m
' m d l , u h l h h h l d
d h m ,""... lu m ," d "... h
ll u l y h h ." (2003) d h h l
y (1 h) fi h l (.90 m l d .89
d m l).
h Gu d u - l (10 m) fl m yl
h z d y l, h d - h l h h d
y l du udy. S m l m lud: "... d m h l m u d d h u "m h fi h
l m l m l m d d d h u "m h fi h
l m h m," "... lu m lud: "... d m h l m u d d h u "m h fi h
l h h (.88 m l d .87 d m l; ,
2003). h 1. mulmly d h S d fidyh

npnnaiab

d h m z d d m (S z; n = 391) . 1

(- S z; n = 146).

ca ic Di cip in . D 1 d h - d d

qu d d d h d m , m, d

m 1z d qu u fi m

ly d y d 1 y h d 'fild udy. S fi

fild h z d d h my d m

fild u d y h u y du d y h GS/G E Su y

G du E llm (u 1 G du S h 1, 1998). O h 537

, 134 (25%) S 1 S fild, 127 (24%)

h um d , 105 (19%) Edu , 73 (14%) hy 1

S , 67 (12%) 1 1 S , d 31 (6%) 1 h

S . d hy h fild udy, h

d m d 1 m d h d :

um d (n = 127, 24%), S 1 S d Edu

(n = 239, 44%), d u 1 S (n = 171, 32%).

i nc . u u y llm , d du

d , d m 1 u m (..., m h m)

1 d z h ud'

m d d d h '(1993) h 1 1 fild.

S ud h fi y z d S 1 ['"

d d u m ''; n = 102 (19%)]. S ud m d y

h u h m d d y —u u lly h ul m
h m qu 1 y — 1 fild S 2 ['"

d d y;" n = 170 (32%)]. h h

d d y d d h d 1 fild S 3 ['"

" m 1 h D ;" n = 265 (49%)]. d d d d

d 1 d d d

Statistical Analysis

	LE 2.	dju d G oup M	p M dn	d d D vi io	o h ov i		dohh D	D p d V i
		G	р	Z	h		S	
-		(n = 244)	F m 1 $(n = 293)$	$S \\ (n = 391)$	(n = 156)	$ \begin{array}{c} 1\\ (n=102) \end{array} $	$\frac{2}{(n=170)}$	3 $(n = 265)$
y Gu d 1	h	30.84 (6.55) 3.95 (0.56) 3.78 (0.62) 2.32 (0.62)	31.44 (7.24) 4.21 (0.53) 3.84 (0.70) 2.22 (0.63)	31.38 (7.38) 4.13 (0.51) 3.81 (0.64) 2.16 (0.58)	30.61 (5.57) 4.00 (0.65) 3.82 (0.72) 2.53 (0.67)	28.00 (5.93) 4.13 (0.49) 3.88 (0.59) 2.41 (0.70)	30.58 (6.94) 4.05 (0.56) 3.88 (0.62) 2.31 (0.64)	32.77 (6.84) 4.10 (0.58) 3.75 (0.71) 2.18 (0.57)
				d m D	1			
П		S	$1 \qquad (n = 25)$	d du 39)	n	$\begin{array}{c} \text{d} \\ (n=127) \end{array}$		$ \begin{array}{cc} \mathbf{u} & \mathbf{l} \\ (n = 171) \end{array} $
y Gu d	h		32.21 (7.71) 4.12 (0.54) 3.85 (0.65) 2.23 (0.62)	.71) .54) .65)		32.98 (6.74) 4.10 (0.56) 3.75 (0.69) 2.17 (0.61)		28.36 (4.78) 4.05 (0.58) 3.83 (0.66) 2.38 (0.64)
o : II m ,, h ,	y, Gr. "; 3, ' d d = 0.4 = 0.6	y, Gud , d 1 ",3, "m d ly m d du m "; 2, " = 0.4 m l . m	1 h "; 5, " i m l z	u - 1 h d 1 m ly m dd y"; d3, " m y, p<.01. 1 h , p<.01.	., S d d m l h d .01.	*.	-5- d	1:1," dhd 1d:1,

RESULTS

Multivariate Effects

Univariate Effects

h SS 1 3 (1 h) ly 1 d fi m z h , F(1,516) = 20.43; p < .01. m d d.

DISCUSSION

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Gender

Gender

y h d du ud d lly u d.
h hy h, h y l h S, h h
lud l m d l d lh, d m m

y m l du ud h ym l ud . , h
d h m uld h h h h h Gu d l
(fl l) u l d h m l yh l y du
ud d l m d l l h m m m h d d
h m l ul, G l ' udy u d h m d
" l u "(.., u h), d " yl d lu"
(.., l y m dm) m m h m
dd. l m d l , u h d h dm l l u m h m l h d yh
S y l, u h h h l h S d
fi lly dd l yl u h / m ly l .
' m ' h Gu d d l h u l dd d m h h Gu d d l h u l dd d m h h h l h S d
fi lly dd l yl u h / m ly l .
' m ' h Gu d d l h u l dd d m h h h l h h S ;
F d l, 1996; W ld d S h u, 1991), m lu h
d m m mu h m d .

Citizenship

Citizenship

hy h z d, l ud h d fi ly
m h lly l d h ud '
l (d y h l h l h S), m d h
d m ud . d d, h fi d h m u ll h
m m d h udy. , h hy h h
fi d m m m (S Gu d) uld
m m l ud . d h hh h h l d y
fi d h h h h h h h l d y
m y l ud , d h m y l u
y (d G , 2001; d , 1991; W l., 1992). l
l h m m y d d y m h
d. l ud m y l z h l h
m h h ul u d (d G ; K l u , 1992). h

Academic Discipline and Persistence

Summary and Implications

 $m \qquad \qquad Gu\; d \quad .$

Limitations and Directions for Future Research

m d , , , ly) u h u d u h u d u h ly ud ' m (m u d y h S); h , m y h u d l m h d du l d l ud .

h h m l m y l m l z l y.

ll ll d h.D. m h u h h l h y m h h du y. Su h u

l d d ; h , m y h.D.

h d m h y u .E l fi d du ud h u d/ h uld m d u u ly. m d u u ly.

ACKNOWLEDGEMENTS

h h d h h.D. d h u h u d h 1 W. O' d l , d

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   h m . a ch in igh E uca ion 35: 273–299.
d , E. ., d Sh , . . (1988). d u l z m -
   . Jou na o ach E uca ion 39: 38–42.
   u h, S. G., u, . ., d S du , . . (1996).

d m . Jou na
                                          m . Jou na o oca iona havio
   49: 309–323.
  l , E. . (1980). u l ly h m l h h d l m m . u E uca ion 30: 195–207. , W. G., d ud , . . . (1992). n u ui o h h.D,
       , S. (1996). h 1 m h dul d 1 m 1 - m = - h - d udy. Di a ion b ac
   n na iona 57(4): 2902- .
   ll , . W. (1983). o iona Wo n an h i n o : p ac ica ui o
   noing o h Wo an Who Wan o ha, II ., E l d
  ycho ogy 13: 123-127.
  u h, ., d G ll l d, . (1991).
                                                : h ul y– du ud
1 h . S o unica o 24(4): 1.

D , . ., 1 , . S., d h , W. . (1997). h d h m 1 h . ca ic ychia y 21: 61–71.

E u , S., d , . . . (1984). m d 1 d m II
ud . ican E uca iona a ch Jou na 21: 399–417.

F d, . ., F m , . ., D ld, S. ., W , E. ., S , E. ., K. ., , W. ., m , . ., d S , . D. (1996).

d 1 m m d m d : ul 1 d - d - m m d . Jou na o ican ica ocia ion 276: 898–905.

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