

! ""#"" \$ #%&' (#)\*+&',\*+ '-& ./#%&'0#1+%2%3'  
4%'56#7"896\*:\*38' ; 1<\*+'  
=>?@A=>?B' ! 91/#\$29'C#1+'  
,

#%&'(") \*+,-%&'+" / 011,-2304'5"  
6407(2204"07"62\*850109\*"  
/ 5&,4: ; (\$&4' < (-"07"=(5&>,04&1"?8,(-8(2"  
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@&<(2"?'. "@&<(2:"6407(2204"07"62\*850109\*"  
A (1,22&"?8,481(: "B2208,&'("6407(2204"07"62\*850109\*"  
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90,-9"7043&4%."C5(2("85&-9(2" <&4G"5("7,42"'"< (",-" &"1(&2"'"!H"\*(&42"5&"5("8E44,8E1E<"  
5&2")((-"(I&<,-(%", -"5,2"3&\*"&-%<0%,7,(%." J 0,-9"7043&4%:"62\*850109\* <&F042"3,11")(  
4(KE,4(%""0"85002("740<"&<0-9"70E4" / 0-8(-'4&',0-2L"" / 1,-,8&1:"MI\$(4,<(-'&1:"?08,&1:"&-%"  
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&-%"&2"5(\*)(9,-"0"80-'(<\$1&'("5(%",4(8',0-"5(,4"8&4((42"3,11"&G("0-8("5(\*"94&%E&'("740<"A,11,G,-"#-,>(42,'\*."C5(\*"\$&4&11("1"5("<&F04"&4(&2"07"\$2\*850109\*:"&-%"5(\*"&4("80-2,2'(-"3,5"5("2G,112"&-%"(I\$(4',2("07"5("54(("8E44(-"\$407(22042", -"5("("%(\$&4'<(-'."0",2"0E4"50\$("5&"5(2(" / 0-8(-'4&',0-2"3,11"&120"5(1\$"3,5"81&4,7\*, -9"0E4"4(84E,'-9"(7704"2"&2"\$402\$(8',>("2'E%(-'2"8&- "94&2\$"5(">&4,0E2"&2\$(8'2"07"\$2\*850109\*0-"3 5,85"5(\*"<&\*80-8(-'4&'("C0"&85,(>("7E11\*"5,2%>,2,0-"07"5(%",28,\$1,-(:("95"'"-(3"80E42(2"3 4(" &%%(%L""62\*850109\*07"B%E1'500%&-%B9,-9P' / 5,1%&-%B%01(28(-"62\*850109\*P"64&8',8E<"", -" / 1,-,8&1"62\*850109\*P"0-'40%E8',0-"0" / 1,-,8&1"62\*850109\*P"Q(2(&485"?(<,-&4"R=(9,-,-,9"&-%B%>&-8(%SP"?08,&1" / 09-,'0-P"?'(4(0\*\$,-9"&-%64(FE%,8("N5,1("5,2"\$4(2(-"B22(22<(-"Q(\$04",2")&2(%"0-"5("01%"8E44,8E1E<:"&-\*"&22(22<(-"07"5("\$&2""&8&% (<,8\*( &4"3 0E1%)(", -80<\$1('3,'50E""&8G-031(%9<(-"07"5(("7704"2"07"5("7&8E1'\*"0"\$4(\$&4("&11"5("%08E<(-'2"-((%("0"\$40\$02("5("85&-9(2.""

DE#9. &2F#'- . \$ \$ 1+8'  
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!. ""?'E% (-'2'3,11"% (<0-2'4&' ("5(,"&),1, '\*"'0"% ,2', -9E,25") ('3 ((' -0-W28, (-',7,8">." 28, (-',7,8"&\$40&85(2"0" <-, -%"&-%) (5&>,04"&-%"84,',KE("5("2, <,1&4,', (2" [ " % ,77(4(-8(2") ('3 ((' -"\$2\*850109\*"&-%"0'5(4"28, (-8(2."  
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"

Z. ""?'E% (-'2'3,11"% (<0-2'4&' ("5(,"&),1, '\*"'0"\$ (4704<"\$2\*850109,8&1"4(2(&485. ""C5&"", -81E%(2"2E4>(\*, -9"'5("1, '(4&'E4("0-"&'4(2(&485"'0\$,8"E2, -9""\$407(22,0-&1"%&'&)&2(2" R2E85"&2"62\*80 ^ \_Y"&-%"6E) A (%S:"% (>(10\$, -9"&-%"&\$40\$4,&' (" (<\$,4,8&1"4(2(&485" % (2,9-:"80-%E8', -9"'5(2'E%\*", -"&-(" '5,8&1" <&- (4:"&-%"&-&1\*D, -9"&-%"4(\$04', -9" '5(,4"%&'& "&-%", -'(4\$4(' &',0-2', -"&8804%&-8("3, '5"'5("\$407(22,0-&1"2'&-%"&4%2"07"'5(" % ,28,\$1, -(. "  
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62\*850109\*"94&%E&' (2"&85, (>("5("90&1"07"! "#\$%&&'#( ) \*+&, - -%&&") \*"% (<0-2'4&', -9"'5(,4" &),1, '\*"'0L"  
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&."% ,2', -9E,25") ('3 ((' -0-W28, (-',7,8">." 28, (-',7,8"&\$40&85(2"0" <-, -%"&-%) (5&>,04"&-%"84,',KE("5("2, <,1&4,', (2" [ "% ,77(4(-8(2") ('3 ((' -"\$2\*850109\*"&-%"0'5(4"28, (-8(2."  
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). ""E-% (42'&-%"84,',8&1">&4,&)1(2"'5&"", -71E(-8(" <-, -%"&-%) (5&>,04"740<"5(" \ "804(" &4(&2L"),0\$2\*850109\*:"1(&4-, -9"&-%"809-, ',0-:"% (>(10\$ (<(-'&1]208,&1"\$2\*850109\*:" &-%"&\$1, (% "\$2\*850109\*:"&-%" (>&1E&' ("5(04(' ,8&1"04, (-'&',0-2"3, '5, -"'5(2(" &\$40&85(2. """"  
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8. ""% (<0-2'4&' ("5(,"&),1, '\*"'0"\$ (4704<"\$2\*850109,8&1"4(2(&485. ""C5&"", -81E%(2" 2E4>(\*, -9"'5("1, '(4&'E4("0-"&'4(2(&485"'0\$,8"E2, -9""\$407(22,0-&1"%&'&)&2(2"R2E85"&2" 62\*80 ^ \_Y"&-%"6E) A (%S:"% (>(10\$, -9"&-%"&\$40\$4,&' (" (<\$,4,8&1"4(2(&485" % (2,9-:" 80-%E8', -9"'5(2'E%\*", -"&-(" '5,8&1" <&- (4:"&-%"&-&1\*D, -9"&-%"4(\$04', -9"'5(,4"%&'& "&-%", -'(4\$4(' &',0-2', -"&8804%&-8("3, '5"'5("\$407(22,0-&1"2'&-%"&4%2"07"'5(" % ,28,\$1, -(. "  
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62\*850109\*" <&F042"3,11"% (>(10\$&"% ,28,\$1, - (W) &2(% "E-% (42'&-%, -9"07" - ' . /% (&0'!"' (+) + I\*#2) \*+% (3' "# (4% (.90&1") \*L"  
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&.""E-%(42'&-%"84,'8&1">&4,&)1(2"'5&'",-7IE(-8("<,-%"&-%") (5&>,04"740<"'5("\ "804(" &4(&2L"),0\$2\*850109\*:"1(&4-, -9"&-%"809-, '0-:"%(>(10\$<(-'&1]208,&1"\$2\*850109\*:" &-%"&\$4, (%"\$2\*850109\*:"&-%"(>&1E&'("'5(04(' ,8&1"04, (-'&',0-2"3, '5, -"'5(2(" &\$40&85(2.""

).""%(<0-2'4&'("'5(,4"&),1, '\*"'0\$(4704<"\$2\*850109,8&1"4(2(&485.""C5&'", -81E%(2" 2E4>(\*, -9"'5("1, '(4&'E4("0-"&"4(2(&485"'0\$,8"E2, -9""\$407(22,0-&1"%&'&)&2(2"R2E85"&2" 62\*80^\_Y&-%"6E) A (%S:"%(>(10\$, -9"&-%&\$40\$4,&'("(<\$,4,8&1"4(2(&485%"(2,9-:" 80-%E8', -9"'5("2'E%\*", -"&-"('5,8&1"<&--(4:"&-%&-&1\*D, -9"&-%"4(\$04', -9"'5(,4"%&'&" &-%", -'(4\$4('&',0-2", -"&8804%&-8("3, '5"'5("\$407(22,0-&1"2'&-%&4%2"07"'5("%,28,\$1, -(. "

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62\*850109\*" <&F042"3,11"%(>(10\$"% ,280>(4"&-%"%(>(10\$"&"!%"&#( )\*+\*\$%+##\$+4%)( '( I+ 5+ 3)\*, %+) \*L"

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).""%(<0-2'4&'("'5(,4"&),1, '\*"'0\$(4704<"\$2\*850109,8&1"4(2(&485.""C5&'", -81E%(2" 2E4>(\*, -9"'5("1, '(4&'E4("0-"&"4(2(&485"'0\$,8"E2, -9""\$407(22,0-&1"%&'&)&2(2"R2E85"&2" "

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6?TU!U!"	? '&',2',8&1" A ('50%2" IW1,2'(%"	/011,-2304'5"	ZV"
6?TUTU!"	MI\$(4,<(- '&1"62*850109*"	?8,481("	!\\"
6?TfUU!"	Q(2(&485"?(<,-&4"	?8,481("	\\"
6?TfUUT"	0-'40%E8',0-"0"/1,-,8&1"62*850109*"	/011,-2304'5"	X"
6?ZUZU!"	/09-,'>("^(E4028,(-8("	?'. "@&<(2"	!V"
6?ZU\U!"	B%>&-8(% "MI\$(4,<(- '&1"62*850109*"	?'. "@&<(2"	!!"
6?ZUHU!"	?08,&1"62*850109*"	?8,481("	!V"
6?ZUfU!"	C(2'2"&-%" A (&2E4(<(- "	/011,-2304'5"	!U"
6?Z!UUT"	64,-8,\$1(2'07"62*850\$&'50109*"	A8J&44*"	!\\"
6?Z\UU!"	+ ,7(2\$&- " ; (>(10\$<(- '&1"62*850109*"	Q0)(4'20- "	Tc"

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35,85"&4("81(&41\*"2(KE(-',&1."N("'\*\$,8&11\*"&%>,2("2'E%(-'2"0"'&G("=&2,8"? '&',2',82",-'"5("'  
?&4,-9"07"'5("\_4(25<&-"\*(&4"04"'5("\_&11"07"'5("?"0\$50<04("\*(&4:"3,'5"MI\$(4,<(-'&1"  
62\*850109\*"&G(-"%E4,-9"'5("?"0\$50<04("\*(&4."B%>&-8("%?'&',2',82"&-%"B%>&-8("%'  
MI\$(4,<(-'&1"62\*850109\*"&4("'5(-'"&G(-"%E4,-9"'5("@E-,04"\*(&4."?"'E%(-'2",-"B%>&-8("%'  
MI\$(4,<(-'&1"62\*850109\*" ) (9,-"304G,-9"0-'5(,4"/&\$2'0-(")\*"85002,-9"&"4(2(&485"0\$,8"  
&-%) (9,-,-,-9"0%(>(10\$'5('1,'(4&'E4("2E4>(\*&-%"5("4(2(&485',2(17."0"2"(I\$(8'("%'5&"'  
0-2', 'E',0-&1"Q(>,(3"=0&4%&\$40>&1"3,11") ("20E95"%E4,-9"5&"80E42("C5(-'(-'"',2"'5&"'  
2'E%(-'2"3,11") ("80<\$1('1\*"4(&%\*"0") (9,-"8011(8',-9"%&'&"704"'5(" /&\$2'0-("(&41\*",-'5("'  
\_&11"07"'5(,4"?(-,04"\*(&4:"20"'5&"'5("\$40F(8"8&-") ("80<\$1('(:"34,"'(-:"&-%"4(>,(3("%)"\*"  
'5("7&8E1'\*"&%>,204") \*"'5("(-%"07"'5&"'2(<(2'(4."=(8&E2("&\$1,8&',0-2"704"<&-\*"94&%E&'("'  
\$4094&<2"5&>("%(&%1,-(2") ('3((-";(8(<)(4"&-%"\_)4E&4\*"704"&%<,22,0-'5("701103,-9"  
\_&11:"'5,2"',<(1,-("\$4<,2"2'E%(-'2"0",-81E%("80\$, (2"07"'5(,4"7,-&1"/&\$2'0-("\$&\$4"3,'5"  
'5(,4"94&%E&'("&\$1,8&',0-2."

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"	/0-804%,&" / 011(9("	Q"	"	Q"	"	Y"
"	; 4E4*"# - ,>(42,'*"	Q"	Y"	Q"	Q"	Y"
"	M1<5E42'" / 011(9("	Q"	"	Q"	"	"
"	J E2'&>E2"B%01\$5E2" / 011(9("	Q"	"	Q"	"	"
"	+E'5(4" / 011(9("	Q"	"	Q"	"	"
"	Y''(4)(,-" / 011(9("	Q"	"	Q"	"	"
"	# - ,>(42,'*"07"M>&-2>,1l("	Q"	"	Q"	"	Y"
"	# - ,>(42,'*"07"604'l&-%"	Q"	"	Q"	"	Y"
"	N5,'304'5"# - ,>(42,'*"	Q"	"	Q"	"	"



**0#1+%2%3'H\*1:'0"**

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8,48E<2'&-8(2"&4("\$4(>(-', -9''5(<"740<"80<\$1(', -9", '2&',27&8'04,1\*."

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! /F2''2%36"

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Q(2E1'2'07''5("&%>,2,-9'2E4>(\*"704"?\$4,-9'd!X"&4("4(\$04'(%,-"C&)1("f.""0'(<2"3(4("2804(%  
0-"&"HW\$0,-'"28&1("740<"!"p" g(4\*" ; ,22&',27,(%"0"H"p" g(4\*"?'&',27,(%.""\_04"&11', '(<2:"'5(  
&>(4&9("3&2")('3((- "&"4&', -9'07"i?'&',27,(%j"&-%&"4&', -9'07"i g(4\*"?'&',27,(%.j""RC5(2(  
&>(4&9(2"&4("&84022"&11"7E11W', <("7&8E1'\*", -''5(" ; (\$&4' <(-'07"=(5&>,04&1"?8, (-8(2."  
62\*850109\*"7&8E1'\*"&120"&%>,2("20<("2'E%(-'2", -" ` E<&-"? (4>,8(2:"&-%"3 ("5&>(-'0"3&\*"0"  
2(\$&4&'("5("2E4>(\*2")\*" <&f04."Q&', -92"&4("2,<,1&4"&84022"&11"%(\$&4' <(-'7&8E1'\*.S"

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**51I:#'06'' J1) "&\*%#WK+#S.#%98'I8'H+1/#'**

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B" B" =q" = " =W" / q" / " / W" ; q" ; " ; W" \_"  
Z" H" " T" " " " " " " " " " T"

"

**51I:#'P6''K2%1:' J\* .+'#H+1/#''2%' ( #'#1+96' - X2:.'" J\* .+'#WK+#S.#%98'I8'H+1/#'**  
=&2,8"? '&',2',82"

B" B" =q" = " =W" / q" / " / W" ; q" ; " ; W" \_"  
f" !" " Z" " " " T" " " " " " " !"  
" " " " " " " " " " " " " " " " "

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B%&-8(%"? '&',2',82"  
B" B" =q" = " =W" / q" / " / W" ; q" ; " ; W" \_"  
c" " " !" " " " !" " " " " " " " "

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=&2,8"MI\$(4,<(-'&1"  
B" B" =q" = " =W" / q" / " / W" ; q" ; " ; W" \_"  
T" Z" !" c" " " " " " " " " " " "

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!)#%/2E'?'['7"896\*:\*38' J1)"&\*%#'7+\*<#9&'(.I+29'\7-PU>]'

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-&./#%&'0#1+%2%3' H*1:''	^*\$2%1:'	!/#S.1&#'	DE9#:#%&'
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H\*1:'?'\_ 'B),1,'\*"'0"  
%,2',-9E,25")('3((- "  
-0-W

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!)#%/2E='['7"896\*:\*38' (#'#1+96' ; #&6\*/'' ` 'a .1%&2&1&2F# ' !%1:8"2"' ( . I+29'

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!)#%/2E'P['Z#61F2\*+1:'-92#%9#''!91/#\$29'!/F2"2%3'DF1:.1&2\*%'

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7((%)&8G"3,11"5(1\$E2",%(-',7\*"35&"3("0"(77(8',>(1\*"-%"35&"3("80E1%,<\$40>(.61(&2("G("&"  
<0<(-'"0"&-23(4"5(2("80-7,%(-',&1"KE(2',0-2"20"5&"3("8&-304G"'09('5(4"0"\$40>,"%(\*OE"3,'5"  
&"(\$&4'<(-'"5&"4,(2"0"5(1\$\*OE"&880<\$1,25\*OE4"90&12."\_01%"5,2"704<,-"5&17:"&\$("04"2'&\$1(",':"  
&-%"4('E4-,">,&"8&<\$E2"<&,1"0"5("%(\$&4'<(-'."C5&-G"\*OE"704"\*OE4"\$&4',8,\$&',0-u"

!H"





PS315 Sensation and Perception  
PS332 Memory and Cognition  
PS260; PS360 Special Topics (specifically designated Experimental Concentration)

4) The **Social Concentration** focuses