

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

\$ % & ' (%) * + , - % & ' + . " / 0 1 1 , - 2 3 0 4 ' 5 "
6 4 0 7 (2 2 0 4 " 0 7 " 6 2 * 8 5 0 1 0 9 * "
/ 5 & , 4 : " ; (\$ & 4 ' < (- " 0 7 " = (5 & > , 0 4 & 1 " ? 8 , (- 8 (2 "

@ & < (2 " ? ' . " @ & < (2 : " 6 4 0 7 (2 2 0 4 " 0 7 " 6 2 * 8 5 0 1 0 9 * "
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4%&*+ / . 9&2*%'
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C5,2"&8&% (<,8"*(&4"4(&1,D(%",<\$04'&- "85&-9(2",-"5("8E44,8E1E<"704"\$2*850109*"<&F042"
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,(%."J0,-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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/0-8(-'4&'0-2"3,11"\$40>,%("%,4(8',0-"704"2'E%(-'2"&2"5(*"\$1&-"5(,4"304G",-"5("<&F04:"
&-%"&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-"35,85"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*"P0-'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"30E1%)(",-80<\$1('3,'50E'"&8G-031(%9<(-"07"5(("7704'2"07"5("7&8E1'*"'
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DE#9. &2F#'- . \$ \$ 1+8'
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?'TU!VW!X"&8&% (<,8"*(&4."YE4"&22(22<(-"07"2'E%(-"\$ (4704<&-8("\$40>,%(%)(>,(8("'
'5&"2'E%(-'2"<("04"(I8((%("0E4")>&1E&'0-")(-85<&4G2"704"(&85"07"5("Z"1(&4-,9"90&12."
C5("8E44(-'2'&'E2"07"0E4"&22(22<(-"%"&'&:"E2,-9"5("\$ (4704<&-8(",-%,8&'042:"30E1%)(("&"'
'5("J4((-"+(>(1:"<(&-,-9"5&"3(5&>("%(<0-2'4&'(%"&880<\$1,25<(-"07"2'E%(-"1(&4-,9"
90&12:")E"5&>("0-("4(&-((%,9"&'(',-,0-."YE4"\$1&- "704",<\$40>,-9"5&"&4(&',2%,28E22(%
) (103."

!"

?G' -&. /#%&' 0#1+%2%3'H*1:''2%&6#7"896*:*38' ; 1<*+'
"

""C5("54(("1(&4-, -9"90&l2"704"5("62*850109*" <&F04"&4(L"
,

!. ""? '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."
"

T. ""? 'E% (- '2" 3, 11"% (<0-2'4&' ("5(,"&), 1, '*"'0"E-% (42'& -% "84, ', 8&l">&4,&) 1(2"5&" " , -71E(-8(" <, -% "& -%") (5&>, 04"740 <"5(" \ "804(" &4(&2L"), 0\$2*850109*:" 1(&4-, -9"& -% "809-, ', 0-:"% (>(10\$ <(-' &l]208, &l"\$2*850109*:" & -% "&\$1, (% "\$2*850109*:" & -% " (>&lE&' ("5(04(' ,8&l"04, (-' &', 0-2" 3, '5, -"5(2("&\$40&85(2."
"

Z. ""? 'E% (- '2" 3, 11"% (<0-2'4&' ("5(,"&), 1, '*"'0"\$ (4704 <"\$2*850109, 8&l"4(2(&485. ""C5&" " , -81E%(2"2E4>(*, -9"5("1, '(4&'E4("0-"&'4(2(&485"0\$,8"E2, -9""\$407(22,0-&l"%&'&)&2(2" R2E85"&2"62*80 ^ _Y"& -% "6E) A (%S:"% (>(10\$, -9"& -% "&\$40\$4, &' (" (<\$, 4, 8&l"4(2(&485" % (2,9-:"80-%E8', -9"5("2'E%*", -"& -("5, 8&l" <& - (4:"& -% "& -&l"D, -9"& -% "4(\$04', -9" '5(,4"%&'& -% ", -'(4\$4(' &', 0-2", -"&8804%& -8(" 3, '5"5("\$407(22,0-&l"2'& -% &4%2"07"5(" % ,28, \$1, - (. "
"

C5("\$2*850109*7&8E1' *"&4("80 <<, '("% "0"5(" A, 11, G, -" <, 22, 0- "& -% "5&>(" % (2,9- ("& " 8E44, 8E1E <" 3 5, 85", -' (-', 0-&l1*" \$4(\$&4(2" <&F042"704"\$407(22,0-&l"2E88(22:"% (<084&' ,8" 8, ', D(-25, \$, -"&"910)&l"80 <<E-, '*:"& -% "&\$ (420-&l"1, 7("07" < (& -, -9"& -% ">&lE(") *"\$40%E8, -9"94&%E&' (2" 3 50"&4("8&\$&) 1("07"5, -G, -9"84, ', 8&l1*"740 <"&"\$2*850109, 8&l" \$ (42\$(8', >(. ""
"

62*850109*"94&%E&' (2"&85, (>("5("90&l"07"! "#\$%&&'#() *+&, - -%&&") *"% (<0-2'4&', -9"5(,"&)& , 1, '*"'0L"
"

&."% ,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."
"

). ""E-% (42'& -% "84, ', 8&l">&4,&) 1(2"5&" " , -71E(-8(" <, -% "& -%") (5&>, 04"740 <"5(" \ "804(" &4(&2L"), 0\$2*850109*:" 1(&4-, -9"& -% "809-, ', 0-:"% (>(10\$ <(-' &l]208, &l"\$2*850109*:" & -% "&\$1, (% "\$2*850109*:" & -% " (>&lE&' ("5(04(' ,8&l"04, (-' &', 0-2" 3, '5, -"5(2(" &\$40&85(2."
"

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

62*850109*" <&F042" 3, 11"% (>(10\$ "&"% ,28, \$1, - (W) &2(% "E-% (42'& -% ", -9"07" - ' . /% (&0'!"' (+) + I*#2) *+% (3'"#(4% (.90&l") *L"
"

"

&.""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*:" &-%"&\$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,-(."

"

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

"

&.""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*:" &-%"&\$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"

"

C5(4" 3 (4("HZ"62*850109*" <&F042"

-)+2%3'=>?B'

J* .+ "#'L'	J* .+ "#'5&:#'	4%'&+.9&*+''	D%+*:: \$ #%&'
6?!ZUU!"	0-'40%E8'04*"62*850109*"	?'. "@&<(2"	TX"
6?TU!U!"	? '&',2',8&1" A ('50%2" IW1,2'(%"	/ 011,-23 04'5"	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,-23 04'5"	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,-23 04'5"	!U"
6?Z!UUT"	64,-8,\$1(2'07"62*850\$&'50109*"	A 8 J &44*"	!\\"
6?Z\UU!"	+ ,7(2\$&- " ; (>(10\$<(- '&1"62*850109*"	Q0)(4'20- "	Tc"

"

C5(">(10\$<(-'&1"2'4&'(9*"07"0E4"8E44,8E1E<,"2"<02"(">,%(-'","-'"5(4(2(&485"80E42(2:"
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*"')(-,"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."

"

"

"	/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"

, - '(-%'0", - '(4>(- ("200- (4", - '5("2(< (2' (4'0"&%>, 2("2'E%(- '2'0"%40\$'5("80E42(", 7"
8,48E<2'&- 8(2"&4("\$4(>(- ', -9'5(<"740<"80<\$1(',-9", '2&', 27&8'04, 1*."

"

! /F2"2%36"

"

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"

"

"

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

,

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" " " " " " " !"
" " " " " " " " " " " " " " " "

"

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

"

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

"

"

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

"

-&./#%&'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

"

!T"

,

,

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

"

!Z"

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

""""""N("&4(-'4(2'(%,-"*OE4"(I\$(4,(-8(2'3,'5"&"-E<)(4"07"7(&'E4(2"07""5("%(\$&4'<(-'."tOE4"
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