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CO RSES IIA GHU AD SKIDMORE COLLEGE

"

^ 7%8\$13+9-3% _ /\$%3`\$13+%\$("= 'B\$\$3+*K . =GGaL"
^ 7%8\$13+9-3% B "W%1 '*%\$13+%\$("N%\$3*+% O '%1-+", "=7-3% ' --"K . ="JMHL"
W% *+87T13+6"1+ b +O '%c- "61783' -"Kd b " !M!L"
W- B " . '(/ " +1" =+3(3% / " _S '*e"93S '*-31D"\$%8"93-T*3O 3%\$13+% "3%"IB ""
5) '*3T\$% " +* : (\$T "K . ="JJHYL"
2 'E"234 '*D"\$%8"IB "")7*-731"+, ">\$: 31\$(3- O "K66) " !MML"
. 7(13T7(17*\$ ("^(\$* 'IR : -0"Nf : (+-3S "W8 '%131D">+%, (3T1- "3%"IB " "R65 "KW 9"GG !L"
6 '%3+*"6' O 3%\$*3% "W%1 '*%\$13+%\$("5 , , \$3*- "KW 5 "J JHL"
^\$T' - "\$%8") B\$- ' - "+, "d (+4\$(">\$: 31\$(3- O "KW 5 "J@ !L"
['- '\$*TB" . 'IB+8- "3% "W%1 '*%\$13+%\$("5 , , \$3*- "KW 5 "GM !L"

CO RSES IIA GHU O IISIDE SKIDMORE COLLEGE

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Y 0 \$% [' +7*T . \$%\$ / ' O '%1"KR%8 '*/*\$87\$1 "' < " . = 5 L"
! . 3%\$ / '*3\$ 6&3(0 "KNf ' T713S ' L"
! _ /\$%3` \$13% %\$ ("= B\$\$3+*KR%8 '*/*\$87\$1 'E" . = 5 "<"9+T1+*\$ (L"
! _ /\$%3` \$13% %\$ "<" 8 O 3%3-1*\$13S "'UB' +*D"KR%8 '*/*\$87\$1 "' < "9+T1+*\$ (L"
! W% '*%\$13+%\$ ("N%\$ *+% O '%1-+", "=7-3% ' --"KR%8 '*/*\$87\$1 "' < " . = 5 L"
! g \$ (31\$13S ^ 3' (8 . 'IB+8- "K9+T1+*\$ ("6' O 3%\$*L"
! A\$* \$13S "'d '%*-' "+, " ['- '\$*TB"K9+T1+*\$ ("6' O 3%\$*L"
! >+* : +*\$1 "'6+T3\$ (" ['- : +%-343(31D"K . \$-1 '*- "<"9+T1+*\$ (L"

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DOCUORALS PER ISION

"

X7831B"=3*8- '((" 5 % "W%-131713+%\$ ("5 %\$(D-3-+", ") +(3TDI . \$&3% / "3%"IB "" >\$%\$83\$%"
=* '\$-1">\$%T '* " ['- '\$*TB"W%313\$13S "'KR%3S '*-31D"+, ">\$ (/ \$*DE"
! \ \ ?L"
")\$11 '*%-' "+, " . +T&"=7* '\$7T*\$TD"3% " . 3%3% / "93-\$-1 '*-"
U30+1BD"YD% '-) KR%3S '*-31D"+, ">\$ (/ \$*DE" ! \ \ \ L"
" >B\$*(+11 "NTB1% '* " 5 ") +-1T+(+3\$ ("6' O 3+13T"6178D"+, "IB "" . \$&' 13% / "+, "UB3*8"
" b +*(8" U+7*3- O "9 ' -13%\$13+% -"KR%3S '*-31D"+, ">\$ (/ \$*DE"GMMML"
" X' , , *'D"NS '* '11")74(3T") +(3TDI . \$&3% / "3%") \$* & - ">\$%\$8\$0"R-3% / ") 3 '* * ' "
=+7*83' 7"1+"R%8 '*-1\$%8"W%-131713+%\$ ("9D%\$ O 3T- "KR%3S '*-31D"
+, ">\$ (/ \$*DE"GMM !L"

"

Nf\$03%3%/"1B'">+%1+7*-"+" b +*&:(\$T'"93S '*-31D0">+%T':1-E">+%1'f1-"\$%8">B\$((%'/'-"
KC31B"5(3-+% i +%*\$8"<"X7831B")*3%/('L;"W%"5;" i +%*\$8E");)*\$-\$8"<"X;")*3%/('"KN8-;LE"
B#':C556)5\$)45"6<,#1.)D&-."O&%E0"!IGG;"2+%8+%0"6\$/ '"")74(3T\$13+%-;"GMMH;"

"

93S '*-31D"+%"_7*" . 3%8-0" . \$%\$/3%/"93,, '* '%T'"3%">+%1' O :+*\$*D" _*/\$%3`\$13+%-;"W%""
6;"A+7*" <"2;"A'((O\$%"UB3-1'8"KN8-;LE"

"

REFEREED JO RNAL P BLICATIONS

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60+&'"\$%8" . 3**+*-0"W%-131713+%("N%1* *%'7*-B3:"\$%8" d '%8' *W8' %1313' -"3%"1B'"R;6;"
U+4\$TT+"W%87-1*DE"! \GMI! \a@"KC31B"5%-B70\$%) *\$-\$8"<" i '(D="\$&'*L;"F"('#'&G##&5'E"
GM!HE"GJ0"GG]IGa\;"

"

W%+%S\$13+%3%"1B'" d(+4\$("5 / '0"W0 : (3T\$ +%- ,+*" =7-3%' --"\$%8" . \$%\$/ ' 0 '%1"3%"1B'"
i %+C('8/ ' "NT+%+ 0D"KC31B"5%-B70\$%) *\$-\$8L;"J'%. " '#&5 '#,)05+' '#,)5\$)P+0&' .00)
H: ; &'&0%'#&5'E"a0"?GI?\;"GM!J;"

j_%"' . 3**+*"3%"5%+1B'*k0" . \$%\$/3%/"93S' *-31D"\$%8"1B'"93-T+7*-' "+, ^\$-B3+% "KC31B"
5%-B70\$%) *\$-\$8"<" ['\$ '\$. 3*L;"B+ ; #') / . , #&5 '0E"GM!GE"Ha0"]MJ"n"]Ga;"

"

. +S3% / "_710"U+C\$*8"R%8' *-1\$%83% / "1B'">+ 0 : (' f31D"+, "_71-+7*T3% / "3%"1B'"5 / '+' ,"
d(+4\$(3`\$13+% "KC31B"5%-B70\$%) *\$-\$8L;"P+0&' .00) / . '#&00#'1.) *+##% . ",EE"GMM]E"G0"H] "I" \ !;"

"

d(+4\$("U*\$%-313+% -0"UB'"NO '* / 3% / "A'C" b +*(8" _*8' *"\$%8"31-"W0 : (3T\$13+%- ,+*" =7-3%' --"
\$%8" . \$%\$/ ' 0 '%1"KC31B"5%-B70\$%) *\$-\$8L;"P+0&' .00) / . '#&00#'1.) *+##% . ",EE"GMMHE"!p"
\ !I!!J;"

"

W%"1B'"A\$0' "+, "1B'") *\$T13T\$(0"R%' \$*1B3% / "1B'"Y' / ' 0+%D"+,) *\$ / 0\$ETQq21\$. 2+8l(/') 0 . 2(] 0 . 0 . 412589

"

UB 'N('T1*+%3T"U*\$%-,+*O\$13+%"+,"lB" _*/\$%3`\$13+%\$(" . ' '13%/0"R-3%/"U'TB%+(+/DI3%I
>+%l' f"l1+"R%8 '*-1\$%8" d*+7:"67: :+*1"6D-1' 0-"Kd 66-L;"KC3lB"9\$% ">(\$: : '*L;"9. 12 '5,5(E)
>%+:.d.O"E"!\ \ \E"S+(;aE"

"

NS '*D8\$D"61*7//('-\$l"lB'" b +*&:(\$T'0"UB "'A\$17*" "\$%8"W O :(3T\$13+%-"+," [+713%" " ['-3-1\$%T'"
KC3lB" 5%-B70\$%) *\$-\$8L;"/.0.#"12)&')%2.)>5I&5,5(E)5\$)F"(# '&G#%&5 '0E"!\ \ \E"S+(; !@E"GG@I
G@];"

"

b B '% "lB" "NlB%+/*\$: B3T"674h'Tl"6: '\$&-"=\$T& ;05+" '#,)5\$)=#'#(. ; . '%)J'L+&"EE"!\ \ \?E"
S+(;]E"J!IJH;"

"

)\$l1' *% -"+, " . +T&"=7* '\$7T*\$TD"3%" . 3%3%/"93-\$-1' *-0" 5%" 5%\$(D-3- "+,"lB" " b '-1*\$D" . 3% ' "
Nf:(+ -3+% "KC3lB"U3O +lBD"YD% ' -LE"05+" '#,)5\$)=#'#(. ; . '%)>%+:.d.OE"!\ \ \]E"S+(;JaE"HM!I
HGJ;"

"

>*3lT\$("UB'+*D"\$%8" . \$%\$/ ' O ' %1"N87T\$13+%0"N% / \$/3%/")+C '*E"W8'+(+/D"\$%8") *\$f3-"KC3lB"
)\$7(\$">\$: +%3L; ;05+" '#,)5\$)=#'#(. ; . '%)K: +I#%&5 'E"!\ \ \]E"S+(;G!E"

"

b +*&3%/"C3lB"lB" "q60\$*lc" . \$TB3% '0">+O :7l' *3` \$13+% "\$%8"lB" "93-T+7*- ' "+,"
5 %lB*+: +O+* :B3- O "3%" _*/\$%3`\$13+%-;">%+:.d.0)&')! +,%+ ".0N)F"(# '&G#%&5 '0)#' :)>5I&. %&. OE"
!\ \ \@E"S+(; !E"G@JIGH@;"

"

UB "'W8'+(+/D"+, ") *+, ' --3+%\$(3- O "\$%8" b +*&">+O :7l' *3` \$13+%0" 5%"W%-l3l7l3+%\$(3-1"6l78D"+,"
U'TB%+(+/3T\$(">B\$% / "KC3lB" 5%-B70\$%) *\$-\$8L;"B+ ; #')/. ,#%&5 '0E"!\ \ \aE"S+(;a]E" !aJJI
!a@?;"

"

9*7/"U' -13% / "\$- "6D04+(3T" . \$%\$/ '*3\$("5 Tl3+% "KC3lB" . 3&'">\$\$%\$7/BL;"F"(# '&G#%&5 ')
>I&. 'I.N"!\ \ \aE"S+(;@E"GH]IG] !;"

"

6D04+(3T") *+T' -- "-3%"lB" "W O :(' O ' %l\$13+%"+,"U'TB%+(+/3T\$(">B\$% / '0" 5"6D04+(3T"
W%l '*\$Tl3+%3-1"6l78D"+," b +*&">+O :7l' *3` \$13+%;"HI#: . ; E)5\$)=#'#(. ; . '%)05+" '#,E"!\ \ \aE"
S+(;JHE" !aMMI

PUBLISHED PANEL DISCUSSIONS

9+T1+*\$("N87T\$13+% "\$8"IB" "U" \$TB3%/" . 3--3+%; "5"93\$(+/7'"C31B"X'\$%"=\$*17%'&E"2' "'
=7*&'E"X\$%" "d3\$T+44'I . 3(('*E">*\$3/"27%84'*/"\$8")7-B&\$("\$)*\$-\$8;)/05+" '#,)/5\$)
=#'#(. ; . '%)K:+I#%&5'-(!\ \HE"S+(:GM;"

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SPECIAL EDITORIAL ASSIGNMENTS

>+I'831+*"KC31B" \$7(\$>\$: +%3LE"- : 'T3\$("3--7'"+">*313T\$("UB'+*D"\$8" . \$%/ ' O '%1"
N87T\$13+%E""05+ #,)/5\$)=#'#(. ; . '%)K:+I#%&5'E"! \ \]E"S+(:G!;"
">+I'831+*"KC31B" \$,%\$ND(+%LE"- : 'T3\$("3--7'"+"1B"Y3-1+*D"+, " b +*&:(S\$T"NO : +C '* O '%1E""
05+" '#,)/5\$)H<<, (:)P. 2#-%5'#,)>I&. 'I.E"GMM!E"S+(:J]E"A+;!;"
">+I'831+*"KC31B"5%-B70\$%)*\$-\$8LE"- : 'T3\$("3--7'"+"W%1'*: *'13S'"d'%' "-3%" _*/\$%3`\$13+%
['-'*\$TBE" F"(# '&G#%&5')/.0.#"12)=.%25:0E"GMMGE"S+(:@E"A+;!;"

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CONFERENCE PROCEEDINGS

)*\$T13T\$(D"9\$% / '*+7-0"Nf:(+*3%/"1B" "Y' / ' O +%D"+, "q)*\$ / O \$13- 0c"3%"1B" "93-T+7*- "'+, "
N%\$3*+% O '%1\$(" . \$%/ ' O '%1"KC31B" . 3TB\$\$("N(O'-L;"7"51. . : &' (0)5\$)%2.)M#'(+#(.)&')
P+0&' .00)#':)F"(# '&G#%&5'0">+%, '*%T'E" _B3+&61\$1"R%3S '*-31DE">+(7 047-E" _B3+E" . \$D"
! \ \ \ ;;"
"KR%LC3((3%/"1+" ['-3-le">7%%3%/"5 T1+*-E"W8'+(+/3T\$("97: '-"\$8"IB" "93-T7*-3S'"
>+%-131713+%"+, " [+713%" " b +*&:(S\$T" ['-3-1\$%T"KC31B"5%-B70\$%)*\$-\$8L;"7"51. . : &' (0)5\$)
%2.)RS^2)J'%' . "'#%&5'#,)M#C5+"7"51.00)!5'\$. "'I.E"2+%8+%E" . \$*TB"! \ \ \ ;;"
"b B\$1"3%"1B" " b +*(8"9+' -"W%1'*\$%\$13+%\$(" . '\$%e"5")*(3 03%\$*D"W%S' -13/\$13+%"+, " . =5"
)*+/*\$0"=*+TB7*'- "3%"A+*1B"5 0 '*3T\$%"=7-3%' --"6TB+(-"KC31B">B*D--"\$6B\$*:L;"
7"51. . : &' (0)5\$)%2.)H' '+#,)= . . %&' (0)5\$)%2.)K#0%. "')H1#: . ; E)5\$)=#'#(. ; . '%E" . \$D"! \ \ HE"
b \$-B3%/1+% "9;>;"
". +T&"=7*\$7T*\$TD"\$-\$" i 'D" ^\$T1+*3%"W%87-1*3\$(">*3- '-0"5%"5%\$(D-3-+", "1B" " b '-1*\$D">+\$(("
. 3%" "93-\$-1' *"KC31B"U30+1BD"YD%' -L;"7"51. . : &' (0)5\$)%2.)K#0%. "')H1#: . ; E)5\$)
=#'#(. ; . '%E" . \$D"! \ \ @E"W1B\$T\$E"A' C' F+*&;"
"UB" [\$13+%\$(3`\$13+%"+, "1B" _*/\$%3`\$13+%\$(" . "'13%/0"W O : (3T\$13+%-"+"d*+7:"67: : +*1"
6D-1' 0-" , +*") +C' *E"6D 04+(3- 0 "\$%8" ^\$T' I b +*&"KC31B"9\$%3\$(">(\$: : '*L;"7"51. . : &' (0)5\$)
%2.)H' '+#,)= . . %&' (0)5\$)J! J>"KW%1'*\$%\$13+%\$(">+%, '*%T'"+%W%, +* O \$13+% "6D-1' 0 -LE"
9' T' 04' *!"! \ \ JE"^(+*38\$;"

"

9*7/"U'-13%/"3%"IB'" b +*&:(\\$T'0"UB'"6D04+(3T' . %\\$/' 0 '%1"+,"\\$% _*/%3`\$13+%\$(">*3-3-"
KC31B" . 3TB\$'(">\$\$%\$7/B"\$%8"X+B%" . 3TB\$'("_&' -L;"7"51...:&' (0)5\$)%2.)K#0%."')
HI#:. ; E)5\$)=#'#(. ; . '%E" . \$D"! \ \GE"=\$130+*';"

"

23, "\$%8"9 '\$IB"3%">\$* ' '*0"5"Nf: '*3'%13\$("Nf'*T3-'"23%&3%/">\$* ' '*")(\$%%3%/"1+"6178 '%1"
Z\$(7' -"\$%8"A+13+%-"+,"IB"qd++8"23, 'c;"7"51...:&' (0)5\$)%2.)K#0%."')HI#:. ; E)5\$)
=#'#(. ; . '%E" . \$D"! \ \GE"=\$130+*';"

"

UB'">+%T':1"+, "5(3'%\$13+% "\$%8" b +*&:(\\$T'"N0 :+C '*0 '%1"KC31B"5%-B70%)*)\$-\$8L;"
7"51...:&' (0)5\$)%2.)K#0%."')HI#:. ; E)5\$)=#'#(. ; . '%E" . \$D"! \ \!E"Y\$*1,+*8;"

"

qW0\$/%3/"c"IB'" _*/%3`\$13+% "3%"IB'">(\$-+*++00")+*1\$317*'"\$-\$") '8\$+/+3T"9 'S3T'"+*"
Nf: '*3'%T3%/"93S '*-' _*/%3`\$13+%\$ (" [' '\$(313'-'KC31B"X;" . 3TB\$'(">\$\$%\$7/BL;"7"51...:&' (0)
5\$)%2.)K#0%."')HI#:. ; E)5\$)=#'#(. ; . '%E" . \$D"! \ \ME"=7,,\$(+;"

"

UB'">+0 :71 '*3`\$13+%"+, "b B31'I>+((\\$*" b +*&"3%" _*/%3`\$13+% -0"5">*313T\$("\$%8"
>+0 :* 'B' %-3S'"67*S'D"+,"IB'"231 '*17*"C31B"67// '-13+%-"+*^717*" [' - '\$*TB;"
7"51...:&' (0)5\$)%2.)D. 1&0&5')>1&. '1.0)H' '+#), =. %&' (0E"A+S' 04 '*! \ ? \ E" A' C' _*('\$%-;"

"

_*/%3`\$13+%I . \$&3%/"\$%8" . \$3%1'%\$T'0"5%"W%1 '*: '*13S'"5TT+7%1"+,"\$R%3+%c-'^+*0\$13+%"
3%"F\$("\$R%3S '*-31D;"7"51...:&' (0)5\$)%2.)K#0%."')HI#:. ; E)5\$)=#'#(. ; . '%E" . \$D"! \ ? \ ;"

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REFEREED CONFERENCE PRESENTATIONS

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>\$**3'8"\$%8"9 '(3S '*'80" [\$T3\$(3`'8" d '-1\$13-)\$2\$4+*\$%8"A' C">+%1+7*-'+") *T\$*31D;"
)\$: '*:*' - '%1'8"\$1"IB'"5%%7\$(. ' '13%/"-+" B' N\$-1'*%"6+T3+(+/3T\$("6+T3'ID" . ' '13%/"-E"
)B3(\$8' (:B3E"'^'4*7\$*D"GMGM;"

"

UB'"U+*" g 73(10"R%8 '*-1\$%83%/">+%1' 0 :+)\$D' 8 '%131D">+%, (3T1-"UB*+7/B"IB'"Z' B3T('"+,
Nf: (+-3S'" _*/%3`\$13+%\$ ("N%T+7%1' *-*;")\$: '*: '*- '%1'8"\$1"IB'"=3\$%%7\$(g [. "Kg 7\$(31\$13S'"
['- '\$*TB" . '1B+8-"3%" _*/%3`\$13+% -L">+%, '* '%1'E"5(47m7 '*m7'E"A' C' . ' f3T+E" . \$*TB"
GM! ?;"

"

5%30\$("Nf13%T13+%- "\$%8"NT(3: -'"+, "IB'"6\$T*'80"UB'" b +*(8+", "IB"'^7*"U*\$8'"3%"A' C"
N%/"\$%8"\$%8"IB'" d *'\$1"2&&' -" ['/3+% "3%"IB'"!H^{IB}"\$%8"!]^{IB}

"

W%-131713+%- "\$%8"Nf+13T3`\$13+%0" . \$%\$/3%/ "1+ " i ' ' : "1B " _1B '*3%)(\$T';) \$: '*: * - '%1'8"\$1" IB'" 5 % % 7\$ (" . ' ' 13% / - "+, "1B'" 5T\$8' OD"+, . \$%\$/ ' O '%1E"9 '%S '*E" 57/7-1"GMMG;"

"

9 '-3/%3%/ "93,, '*%T'0"93S '*-31D" . \$%\$/ ' O '%1"\$%8"1B'"93-T+7*- ' "+, "^\$-B3+% "KC31B" 5%-B70\$%) *\$-\$8L;") \$: '*: * - '%1'8"\$1"1B'" ! ?1B" 5 % % 7\$ (" . ' ' 13% / - "+, "Nd _6"KN7*+: ' "\$% d*+7: ", +*_ _ / % \$ 3 ` \$ 13 + % " 61783' -LE" = \$ * T' (+% \$ E " X7 (D " GMMG; ""

"

= '1C' '% "A\$13S' "\$%8") *+, ' --3+% \$ ("61*\$% / '*0"N1B%+ / *\$: B3T"93(' O O \$ - "3% "1B'" 6178D"+, " _ / % \$ 3 ` \$ 13 + % \$ (" > 7 (17* ' -; ") \$: '*: * - '%1'8"\$1"1B'" 5 % % 7\$ (" . ' ' 13% / - "+, "1B'" 5T\$8' OD"+, . \$%\$/ ' O '%1E" b \$ -B3% / 1+%E"9 ; > ; E" 57/7-1E"GMM! ;"

"

> * + - - 3% / " > 7 (17* ' - 0 " 5 ") + - 1T + (+ % 3\$ (" 5 % \$ (D - 3 - "+, "\$% "W%1 '*I _ / % \$ 3 ` \$ 13 + % \$ (" N%T + 7%1 '* "KC31B" 5 / % ' 1\$ " . + 7 (' 11 ' - L; ") \$: '*: * - '%1'8"\$1"1B'" > * 313T\$ (" . \$%\$/ ' O '%1"61783' - "> + %, '*%T'E" . \$%TB' -1 '*E"R; i ; E"X7(D"GMM! ;"

"

> (+ - "N%T + 7%1 '* - "C31B" 5T\$8' O3T"93-T* '831\$13+% "KC31B" . \$1 - " 5 (S' -- + %L; ") \$: '*: * - '%1'8" "\$1"1B'" > * 313T\$ (" . \$%\$/ ' O '%1"61783' - "> + %, '*%T'E" . \$%TB' -1 '*E"R; i ; E"X7(D"GMM! ;"

"

. \$%\$/3%/ "2' / 313 O \$TD"3% "qW((' / 313 O \$1'c" _ / % \$ 3 ` \$ 13 + % -; ") \$: '*: * - '%1'8"\$1"1B'" W%S31'8" > + %, '*%T' "+ % "W%-131713+%-E" > + %, (3T1"\$%8" > B\$% / 'E" A + *1BC' -1 '*% "R%3S '*-31DE"NS\$%-1+%E"W2E" 9 'T' 04 '* "GMMM; ""

"

) * + 0 3 - 3% / " [\$3%4+C-0" 5 % "W%-131713+%" \$ (" 5 % \$ (D - 3 - "+, "93S '*-31D" . \$%\$/ ' O '%1"3% "A + *1B" 50 '*3T\$; ") \$: '*: * - '%1'8"\$1"1B'" 5 % % 7\$ (" . ' ' 13% / - "+, "1B'" 5T\$8' OD"+, . \$%\$/ ' O '%1E" U + * + % 1 + E" 57/7-1"GMMM; "

"

6\$S3% / "1B'"N\$*1B"W%T;0"UB'"2\$% / 7\$ / "\$%8"2+ / 3T"+, . \$* & '1"93-T+7*- ' - "3% "N%S3*+ % O '%1\$ (" _ / % \$ 3 ` \$ 13 + % - "KC31B"X' , "NS '* ' 1L; ") \$: '*: * - '%1'8"\$1"1B'" 5 % % 7\$ (" . ' ' 13% / - "+, "1B'" 5T\$8' OD"+, . \$%\$/ ' O '%1E"U + * + % 1 + E" 57/7-1"GMMM; "

"

> \$ - 13% / "1B'"A\$13S' "674h'T10"N1B%+ / *\$: B3T") * \$T13T' "\$%8"1B'"K ['L) * + 87T13+ % "+, "93,, '*%T' " KC31B" 5%-B70\$%) *\$-\$8L;") \$: '*: * - '%1'8"\$1"1B'" 5 % % 7\$ (" > + %, '*%T' "+, "Nd _6"KN7*+: ' "\$% d*+7: "+ % _ / % \$ 3 ` \$ 13 + % " 61783' -LE"Y' (-3% & 3E"X7(D"GMMM; "

"

A\$13S' ") (\$T' - "3% _ / % \$ 3 ` \$ 13 + % \$ ("6: \$T' - 0 "N1B%+ / *\$: B3T" i % + C('8 / "\$%8"1B'" [' : * + 87T13+ % "+, "93,, '*%T'; ") \$: '*: * - '%1'8"\$1"1B'" > * + - - + \$8 - "3% " > 7 (17*\$ ("61783' - "W%1 '*% \$ 13 + % \$ (" > + %, '*%T'E" = 3* O3% / B\$ O"E"R%31'8" i 3% / 8 + O E " X7 % " "GMMM; "

"

N1B%+ / *\$: B3T" g 7' - 13+ % - "\$%8"1B'" g 7' - 13+ % "+, "N1B%+ / *\$: BD0"X+7*% 'D3% / ", * + O . '1B+8"1+ " U*\$8313+ % "3% "\$) (7*\$ (3-13T" b + * (8"KC31B" 5%-B70\$%) *\$-\$8L;") \$: '*: * - '%1'8"\$1"1B'" 5 % % 7\$ (" . ' ' 13% / - "+, "1B'" 5T\$8' OD"+, . \$%\$/ ' O '%1E" > B3T\$ / + E" ! \ \ \ ;"

"

UB'" [', ('T13+ % "+, "W%-131713+%" \$ (" . D1B - "3% "1B'" 61*7T17*3% / "+, "\$"A\$13+%" \$ (" . '83T\$ (" [' - '\$*TB" W%313\$13S' "KC31B"X7831B" = 3*8 - ' (" < " b 3 (, *'8"# '*4'L; ") \$: '*: * - '%1'8"\$1"1B'" 5 % % 7\$ (" . ' ' 13% / - "+, "1B'" 5T\$8' OD"+, . \$%\$/ ' O '%1E" > B3T\$ / + E" ! \ \ \ ;"

"

"

UB''6D04+(3-0"+,"b+*>+0:71*3`\$13+%;")\$: '*:*'- '%1'8"\$1"1B'"5%%7\$(" . '13%/-"+,"1B"'5T\$8'OD"+,".\$%\$/ 'O '%1E"2\$-"Z' /\$-E"! \G;"

"

^*+0 . '(13%/)+1"1+6\$(\$8"=+C(0 . %\$/3%/ ">7(17*\$("W8'%1313'-\$-"1B'"b\$((->+0''U704(3%/ "9+C%;")\$: '*:*'- '%1'8"\$1"5%%7\$(" . '13%/-"+,"1B"'_ =U>"K_*/\$%3`\$13+%\$("= 'BSS3+*U'\$TB3%/ ">+%, '*%'T'LE">\$(/\$*DE">\$%\$8\$E"! \G;"

"

UB''W8'+(+/D"+,")*+, '-3+%\$(3-0"\$%8"1B'"61*7T17*3%/ "+,"_*/\$%3`\$13+%\$ (" ['\$(31D0'5"%W%1*:*'13S'"6178D"+,"b+*>+0:71*3`\$13+% "KC31B'5%-B70\$%) *\$-\$8L;")\$: '*:*'- '%1'8"\$1"UB''5%%7\$(" . '13%/ "+,"1B"'5T\$8'OD"+,".\$%\$/ 'O '%1E" . 3\$O3=' \$TBE"! \ \ ;;"

"

UB''_4317\$*D"Nf'*T3-'0"23%&3%/ "W8'\$-+", "1B"'rd++8"23,'c"C31B">\$*' '*')(\$%3%/;")\$: '*:*'- '%1'8"\$1"1B'"5%%7\$(" . '13%/ "+,"1B"'_ =U>"K_*/\$%3`\$13+%\$ ("= 'BSS3+*U'\$TB3%/ ">+%, '*%'T'LE"= '(3%/B\$O'E' b 5E"! \ \ ;;"

"

9',3%3%/ "U'TB%+(+/3T\$("U*\$%-,+*O\$13+%-0" [\$13+%\$ ("8" [+O\$%13T">+%-1*7T13+%-"+,"_*/\$%3`\$13+%\$ (" ['\$(313'-\$-" . +8' -"+,"5TT+O O +8\$13+%;")\$: '*:*'- '%1'8"\$1"6>_6"K61\$%83%/ ">+%, '*%'T'"+% "_*/\$%3`\$13+%\$ ("6D04+(3-0LE"6\$4*7T&' %E'd '*O\$%DE"! \ \ M;"

"

Z+3T' -",+*O'1B'"N('T1*+%3T"6B\$8+C0" b +O '%c-"Nf: '*3%'T' -"C31B"1B'">+0:71*3`\$13+%;"+,"b B31'I>+((*\$' b +*& ;")\$: '*:*'- '%1'8"\$1"1B'"5%%7\$(" . '13%/ "+,"1B"'5T\$8'OD"+,".\$%\$/ 'O '%1E"6\$%"^*\$%T3-T+E"! \ \ M;"

"

,")D*\$O38-E"2\$88 '*-\$%8" . \$`-'0"W%1*:*'13%/ "*/\$%3`\$13+%\$ (")+*1*31-"3%"1B'">(\$--*++O"KC31B" . 3TB\$'(">SS\$%7/BL;")\$: '*:*'- '%1'8"\$1"1B'"5%%7\$(" . '13%/ "+,"_ =U>"K_*/\$%3`\$13+%\$ ("= 'BSS3+*U'\$TB3%/ ">+%, '*%'T'LE">+(7O43\$E" . 3--+7*3E"! \ ? \ ;;"

"

QQ

RESEARCH WORKSHOPS AND PANELS

"

)\$%'(3-1E"6T*' '%3%/ "\$%8"93-T7--3+%;"+,"^3(OE"RTUVE"US%/ " . 7-'7OE"5 :*3("GM!] ;""

"

_*/\$%3`'\$%8")*'- '%1'*E")*+, '-3+%\$ ("9'S'(+: O'%1" b +*&-B+:E"j>*313T\$("K ['L">+%-38'*\$13+%-0" . \$: :3%/ "\$%8"N%/ \$/3%/ "C31B"1B'" ,3'(8"+,"> . 6;"5%%7\$(" . '13%/-"+,"1B"'5T\$8'OD"+,".\$%\$/ 'O '%1E"Z\$%T+7S'*E"57/7-1"GM!@;"

"

_*/\$%3`'\$%8")*'- '%1'*E")\$%'(+%"j b B31'"3-"5(-+"\$>+(+*0"W8'%131D"\$%8")*3S3(' / "'3%"\$")q)+-II [\$T3\$(c"R;6;5;E"6&380+*'">+((/ 'E'_T1+4'*GM!G;""

)*'- '%1'*E")*+, '-3+%\$ ("9'S'(+: O'%1" b +*&-B+:E"qW O\$ /3%3%/ "_1B'*C3-'0")+-1T+(+3\$(\$"

"

>B\$3*\$%8`_*/\$%3`' *E")*+, '--3+%\$("9 'S' (+: 0 '%1" b +*&-B+:E"q>+*:*\$1''6+T3\$(" ['-: +%-343(31D"C31B"\$>*313T\$("N8/';c"6: +%--+* '8"4D">*313T\$(" . \$%\$/' 0 '%1"61783' -"\$%8" 6+T3\$("3--7'-'3%" . \$%\$/' 0 '%1"93S3-3+% -E"5T\$8' OD"+, . \$%\$/' 0 '%1"5%%7\$(" . ' '13%/-E" . +%1*\$E"57/7-1"GMM!M;"

"

)\$%'(3-IE"jW0 O3/*\$13+% "3%"IB''R;6;0"W0:(3T\$13+%- ,+*" _7*"^717*'k;"NO:3*' "61\$1'">+((/ 'E" 6\$*\$1+/\$6: *3%/-E"A'C" F+*&;"9 'T' 04' *GMM!M;"

"

)\$%'(3-IE")*+, '--3+%\$("9 'S' (+: 0 '%1" b +*&-B+:E"W%1' **+/\$13%/">*313T\$(" . \$%\$/' 0 '%1" 61783' -;"6: +%--+* '8"4D"IB" _*/\$%3`\$13+%\$("9 'S' (+: 0 '%1"<">*313T\$(" . \$%\$/' 0 '%1"61783' -" 93S3-3+% -E"5T\$8' OD"+, . \$%\$/' 0 '%1"5%%7\$(" . ' '13%/-E">B3T\$/+E"57/7-1"GMM\;"

"

_*/\$%3`' *"\$%8")*'- '%1' *E")*+, '--3+%\$("9 'S' (+: 0 '%1" b +*&-B+:E"q2++&3%/" ,+*" KR%L>+0 0+% "d*+7%80"" g7\$%131\$13S'"\$%8" g7\$(31\$13S'"5: : *+TB' -"1+6178D3%/" b +*&:(\$T'" 93S' *-31D;c"" b +*&-B+: "-: +%--+* '8"4D"IB">*313T\$(" . \$%\$/' 0 '%1"61783' -"\$%8"d '%8' *"<" 93S' *-31D"3%" _*/\$%3`\$13+%- "93S3-3+% -"+, "IB'"5T\$8' OD"+, . \$%\$/' 0 '%1E")B3(\$8' (: B3\$E" 57/7-1"GMM];"

"

)\$%'(3-IE")*+, '--3+%\$("9 'S' (+: 0 '%1" b +*&-B+:0">*313T\$("N%T+7%1' *-0"2\$4+*) *+T' --E" 61*7T17*\$13+% "\$%8") + -1T+(+3\$3(3-0"3%"93\$(+/7';"5T\$8' OD"+, . \$%\$/' 0 '%1"5%%7\$(" . ' '13%/-E"Y+%(7(7E"Y\$C\$33E"57/7-1"GMM@;"

"

W%S31'8")*'- '%1' *E" d9 _"Kd '%8' *"<"93S' *-31D"3%" _*/\$%3`\$13+%-L"9+T1+*\$(">+%-+*1370;" 5%%7\$(" . ' '13%/-+,"IB'"5T\$8' OD"+, . \$%\$/' 0 '%1E"Y+%(7(7E"Y\$C\$33E"57/7-1"GMM@;"

"

W%S31'8")*'- '%1' *E"> . 6"K>*313T\$(" . \$%\$/' 0 '%1"61783' -L"9+T1+*\$(" b +*&-B+:0"93-T7--"D+7*" 9+T1+*\$(" b +*&*\$%8">* ' *C31B"2 '\$83%/"> . 6"6TB+(\$*-;"5T\$8' OD"+, . \$%\$/' 0 '%1" 5%%7\$(" . ' '13%/-E"Y+%(7(7E"Y\$C\$33E"57/7-1"GMM@;""

"

>+I_*/\$%3`' *"\$%8">+I^\$T3(31\$1+*"+, "9+T1+*\$(" b +*&-B+: "+%" _*/\$%3`\$13+% "UB'+*D;" 6: +%--+* '8"4D" i 5U5X5",+*"9+T1+*\$("6178' %1-"3%" . \$%\$/' 0 '%1E"2\$: : ' '%*\$%1\$" R%3S' *-31D+,"U'TB%+(+/DE"2\$: : ' '%*\$%1\$E'X7%' "HIX7%' " !ME"GMM@;"

"

_*/\$%3`' *"\$%8")*'- '%1' *E")*+, '--3+%\$("9 'S' (+: 0 '%1" b +*&-B+:E"q [\$3-3%/"Z+3T' -0" 67-1\$3%3%/">*313m7'"3%" _*/\$%3`\$13+%" ['- '\$*TBc;" b +*&-B+: "-: +%--+* '8"4D"IB" ['- '\$*TB" . 'IB+8-"\$%8">*313T\$(" . \$%\$/' 0 '%1"61783' -"93S3-3+% -"+, "IB'"5T\$8' OD"+, . \$%\$/' 0 '%1E" 6'\$11('E"57/7-1"GMMJ;"

"

^\$T3(31\$1+*\$%8")*'- '%1' *E")*+, '--3+%\$("9 'S' (+: 0 '%1" b +*&-B+:E"q>*\$,13%/" g7\$(31\$13S'" ^3'(8C+*&c;" b +*&-B+: "-: +%--+* '8"4D"IB">*313T\$(" . \$%\$/' 0 '%1"61783' -E" _*/\$%3`\$13+%" UB'+*D'\$%8" ['- '\$*TB" . 'IB+8-"93S3-3+% -"\$1"IB'"5%%7\$(" . ' '13%/-+,"IB'"5T\$8' OD"+, . \$%\$/' 0 '%1E"6'\$11('E"57/7-1"GMMJ;""

"

>+I>B\$3*" <"^\$T3(31\$1+*E")*+, '--3+%\$("9 'S' (+: 0 '%1" b +*&-B+:E"q^+((+C3%/"IB'">*313T\$(" U7*%0" . \$1'*\$3\$(3-0E"9 'T+%-1*7T13+%" <"W%-131713+%\$("NIB%+/*\$: BDc;" ['- '\$*TB" . 'IB+8-"

"

93S3-3+%E"5%%7\$(" . ' '13% / -"+,"1B'"5T\$8'OD"+," . \$%%\$/'O'%1E" b \$-B3%/1+%E"9;>;E"57/7-1"
GMM!;"

"

>B\$3*"<"_*/%3` '*E")*+,'--3+%\$("9'S'(+:O'%1"b+*&-B+:E"q . ' '13%/"1B">B\$((%/ '-"+,"1B'"
A'C"U3O'-0">*313T\$("5: :+*\$TB'-",+*U'\$TB3%/"61*\$1'/D"\$8" . \$%%\$/'O'%1;c" . \$%%\$/'O'%1"
N87T\$13+%93S3-3+%E"5%%7\$(" . ' '13% / -"+,"1B'"5T\$8'OD"+," . \$%%\$/'O'%1E"U+*+%1+E"57/7-1E"
GMMM;"

"

>+ITB\$3*\$%8^\$T3(31\$1+*E")*+,'--3+%\$("9'S'(+:O'%1"b+*&-B+:E"jW%1'*: '*13S'"
_*/%3` \$13+%\$(['- '\$*TB"3%"1B'"A\$**\$13S'"d'%*'-kE"['- '\$*TB" . '1B+8-"93S3-3+%E"5%%7\$("
 . ' '13% / -"+,"1B'"5T\$8'OD"+," . \$%%\$/'O'%1E"U+*+%1+E"57/7-1"GMMM;"

"

b+*&-B+: "_*/%3` '*E"jW%1'*: '*13%/"1B'"W%1'*: '*13S'0"93,, '*%1"d'%*'-"+,"g7\$(31\$13S'"
['- '\$*TB;)"*I>+%, '*%T'"b+*&-B+:E"['- '\$*TB" . '1B+8-"93S3-3+%E"5%%7\$(" . ' '13% / -"+,"
1B'"5T\$8'OD"+," . \$%%\$/'O'%1E"6\$%"93'+/E"! \ \ ?;"

"

^\$T3(31\$1+*E)j=73(83%/">+(('T13S'"['- '\$*TB"61*\$O-k;)"*I>+%, '*%T'"b+*&-B+:E"b+O'%"
3%" . \$%%\$/'O'%1"93S3-3+%E"5%%7\$(" . ' '13% / -"+,"1B'"5T\$8'OD"+," . \$%%\$/'O'%1E">3%T3%%\$113E"
! \ \ H;"

"

)*'- '%1' *E"jW-"Z\$(7'I^* "'U'\$TB3%/"1B'"b \$-1'(\$%8"+,"5T\$8'03T"N%1'*: *3-'ek"9+T1+*\$("'
>+%-+*1370E"b'-1'%"5T\$8'OD"+," . \$%%\$/'O'%1" . ' '13% / -E"=\$% ,E">\$%\$8E"! \ \ H;"

"

)\$%'(3-1E"jR%3,D3%/"_*/%3` \$13+%UB'+*D0)\$*\$83/0E)\$*\$83/0-+*),', '*83/0ek"9'4\$1'"
-: +%-+*8'4D'1B'"=7-3%'--)+(3TDE"_*/%3` \$13+%UB'+*D"\$8" . \$%%\$/'3\$(">+/%313+%
93S3-3+%E"5%%7\$(" . ' '13% / "+,"1B'"5T\$8'OD"+," . \$%%\$/'O'%1E"Z\$%T+7S'*\$E"! \ \ @;"

"

)\$%'(3-1E"jUB'" . 7(13T7(17*\$(">(\$--*++0k;)"*I>+%, '*%T'"b+*&-B+:E"_*/%3` \$13+%\$("
= 'B\$S3+*"93S3-3+%E"5%%7\$(" . ' '13% / "+,"1B'"5T\$8'OD"+," . \$%%\$/'O'%1E"9\$((-\$E"! \ \ a;"

"

6D0 : +-370">B\$3*E"j_*/%3` \$13+%\$("U'TB%+(+/3'-\$%8"1B'"U'f17*'"+,"b+*&0">B\$%/3%/"
>+%,3/7*\$13+%-"+,)+C' *E"i%+C('8/'"\$8" . '\$%3%/"3%)+-1IW\$87-1*3\$("W%-131713+%-;k"
5%%7\$(" . ' '13% / "+,"1B'"5T\$8'OD"+," . \$%%\$/'O'%1E"9\$((-\$E"! \ \ a;"

"

)\$%'(3-1E"jUB'"A'f1'd'% '*\$13+%0"bB+"b3(("U'\$TB"UB'0ek"5%%7\$(" . ' '13% / "+,"1B'"NS-1'%"
5T\$8'OD"+," . \$%%\$/'O'%1E"5(4\$DE"A'C'F+*&E"! \ \ a;"

"

QQ

RESEARCH IN PROGRESS

_*/%3` \$13+%\$("_884\$((- "\$8" _71(\$C-0" . \$%%\$/%/"W((/3130\$TD"7%8' *j23\$43(313' -"+,"
9'S3\$T'k"KC31B"5%-B70\$%)*\$-\$8"\$8" . \$7*' "%6T7((DL;"

"

!#<&#/#,&0; w0)D#''6)!5; < ,.X&5'3)/#1.N)=##'6.%0)#':):. '%&#E)K=++&"O\$%7-T*3:1"3%"
:*':\$*\$13+%;"

"
"
5(4*1\$N%*/D">+*:*\$13+%["-'*\$TB"^((+C-B3:"d*\$1"Ks!MEMMLE"jR%8*"-1\$%83%/
NO:(+D' "'['-3-1\$T'kE" . \$D'!\a;"

QQ

IN IMMEDIATE RESOURCES & SCHOLARLY PRESENTATIONS

UB'"_ "%9++*0"W%T(7-3S'NfT'(('T"\$%8"31->B\$((%'/'-;"i'D%-'88*'-1+"IB'"
W O:('0'%'1'93S'*-3ID">+% *%'T';"61+T&B+(OE"6':1'04'*\$GHE"GM!\;

^*\$T1'8"[\$3%4+C-0"W8'%3ID">+%,(3T1-"3%"234'*\$("N%T(\$S'-;"W%S'8-D0:+-37OE"
61+T&B+(0'6TB++(0'+"NT+03T-E"61+T&B+(OE"6':1'04'*\$GM!\;

>\$:31\$(3-0c-"9\$*&">+0:('f3+%0"UB'+*3`3%/["\$T'E" . \$*&'1-"\$%8"W8'%131D;"W%S31'8"['-'*\$TB"
6'03%\$E"6TB++(+,"=7-3%'--"\$%8"NT+%+03T-E"27%8"R%3S'*-31DE"6C'8'%E"6':1'04'*\$GM!\;

A'C"93S'*-3ID"U'%-3+%-"3%"234'*\$("N%T(\$S'-;"i'D%+1'"588*'-1+"UB'"93S'*-3ID"\$%8"
W%-131713+%\$(>B\$%/ ' "b +*-&-B+:"X+3%1(D"-: +%+* '8"4D"IB'"9'-\$71'(-^\$T7(1D"+,"
. \$\$/'0'%1E" . Td3(("R%3S'*-3ID"\$%8"IB'">'1'*,+*Y70\$%["3/B1-"\$%8"2'/\$(")(7*\$3-0E"
. Td3(("^\$T7(1D"+,"2\$CE" . +%1*\$E"X7%'?"E"GM!H;"

=(+C3%/"60+&'0"UB'" . \$\$/'0'%1"+," . +*\$("W((/130\$TD"3%"IB'"R;6;"U+4\$TT+"W%87-1*D;"
W%S31'8"['-'*\$TB"6'03%\$E"W%83\$%W%-13171"+," . \$\$/'0'%1E"5B0'8\$4\$8E"W%83\$E"XS%7\$*D"
GM!H;"

UB'"^\$1'+,">*313T\$(" . \$\$/'0'%1"61783'-"3%"\$d(+4\$(3`'8"b+*(80'i'D%+1'"588*'-1+"IB'"
_*/\$%3`\$13+%UB'+*D"93S3-3+%+",565>"K\$803%3-1*\$13S'"6T3'%T'-'5--+T3\$13+%+",>\$%\$8\$LE"
Y\$(3,\$fE"X7%'GM!@"

Z'3('8"['0\$*&-0"W8'%131D">+%1'-1-E"d'%8'*\$9D%\$03T-"\$%8"IB'"93-T+7*-'+" ,IB'"W-(\$03T"
Y'\$8-T\$*,3%"IB'"6T\$%83\$S3\$% "b+*:&:(\$T';_ %1\$*3+"W%-13171"+,"61783'-"3%"N87T\$13+%
K_W6NLE"R%3S'*-31D"+,"U+*+%1+E"5:*3("GM!@"

W%-131713+%\$("N%1*':*%'7*-B3:"\$%8"d'%8'*\$W8'%1313'-"3%"IB'"R;6;"U+4\$TT+"W%87-1*DE"!\GMI
!\H@E"6TB++(+," . \$\$/'0'%1E"R%3S'*-31D"+," . \$--\$TB7-'11-E"=+-1+%E"5:*3("GM!H;"

. +*'"50'*\$T\$UB\$%"5::(')3'0"50'*\$T\$c-"9'\$8(D["+0\$T'"C31B"='';W%S31'8")('*\$D"
2'T17*"S1"IB'"5%7\$(" . '13%/ "+,"IB'"61\$%83%/">+%,*'%'T'+%" . \$\$/'0'%1"\$%8"
_*/\$%3`\$13+%\$("W%m73*D;" b \$-B3%/1+%E"9;>;E"5:*3("GM!J;"

)'03--3+%1+"b \$%8'*\$0"US&3%/"W%1'*\$83-T3:(3%\$*D"6'*\$3+7-(D"3%"_*/\$%3`\$13+%\$("['-'*\$TB;"
^'\$17*'8"6:'\$&'*\$1"IB'"i'*\$%6D0:+-370"+%"=7-3%'--"\$%8"IB'"234'*\$("5*IE["+TB'-1'*\$"
W%-13171"+,"U'TB%+(+/DE["+TB'-1'*E"AFE" . \$*TB"GM!J;"

"

"

^+((+C3%/"1B'"93-T+7*-'"+" ,1B'"Z'3("3%"1B'"6T\$%83%SS3\$%"NO :(+DO '%1"6'T1+*;"6: *3%/" ['- '\$*TB"6' 03%\$*2'T17*'E"9' :\$*10 '%1"+,">+0 07%3T\$13+%E"R%3S' *-31D"+,">+(+*\$8+E" =+7(8' *E"5 : *3("GM!G"

"

>*3: : ('8'd3\$%10"5 0' *3T\$%"9'T(3% '"3%"\$%"5 / '"+" ,>+* : +*\$1'"U\$&' +S' *;"R%3S' *-31D"+," . \$8*\$-E"W%83\$E"X\$%7\$*D"GM!G;"

"

. 7(131631'8"N1B%+/*\$:BD"\$%8"93-T+7*-'"5%\$(D-3-;"W%S31'8"6: '\$&'*"S1") *'I>+%, '* '%T'" b +*&-B+ :E"j . +S3%/" . '1B+8+(+/Dk"A\$13+%\$(">+0 07%3T\$13+%-"5 --+T3\$13+% "5%7\$(" . ' '13%/E" _*(\$8+E" ^2E"A+S' 04' *GM!G;"

"

b +*&: (\$T'">7(17*'"\$%8"1B'"W-(\$03T"Y"\$8-T\$*,"3%"6C'83-B"\$%8"9\$%3-B" _*/\$%3`\$13+%-" ;" 9'-\$71'(-" ^\$T7(1D"+," . \$%\$/ '0' %1E" . Td3(("R%3S' *-31DE" . +%1*\$ (E"6' :1' 04' *GM!!;"

UB'"93-T+7*-'"+" ,1B'"W-(\$03T"Z'3("3%"6T\$%83%SS3\$;"^+7*1B'5%7\$("2'T17*"S1"> [N9" K>'%1' *,"+* ['- '\$*TB'+%Nm7\$(31D"\$%8"93S' *-31DL" g7' '%' . \$*DE"R%3S' *-31D"+,"2+%8+%E" A+S' 04' *GM!M;"

"

UB'"Z'3("3%"1B'" b +*&: (\$T' ;"2'T17*"8'(3S' *'8\$-:"\$*1"+,"1B'"5%7\$("d' %8' * <"W8' %131D"\$1" 1B'" b +*&: (\$T'"6' *3' -E" [\$84+7%8"R%3S' *-31D"+,"A3h0' 'h' %E"UB'"A' 1B' *(\$8-E" _T1+4' * "GMM?;"

"

R%S'3(3%/"N7*+ : 'c-">3S3(3`'8" ^\$T'0"d' %8' * ['(\$13+%-"E"A' C"W003/*\$%1-"\$%8"1B'" 93-T+7*-'"+" ,1B'"Z'3("3%"1B'"6T\$%83%SS3\$%" b +*&: (\$T' ;"Y\$*S\$*8"=7-3% '--"6TB++(c-" 93-13%/73-B'8" ['- '\$*TB"2'T17*'E"Y\$*S\$*8"R%3S' *-31DE" _T1+4' *GM];"

"

UB'" b *313%/"+"%1B'" b \$(("3-"3%"\$" ^+* '3/%"2\$%/7\$/ ' ;"W%S31'8") ('%\$*D'588*'--\$1"1B'"5%7\$(" . ' '13% / -"+,"1B'"51(\$%13T"6TB++(-"+,"=7-3% '--"E" b +(,S3(("E"A+S\$)6T+13\$E">\$%\$8\$;" 6' :1' 04' *GM];"

"

R%1\$%/(3%/" . '1B+8+(+/3T\$("W%1' *T+% % 'T13+%-"0"2+T\$("\$%8"d(+4\$("93('00\$-"KC31B"

"

['-1+*3%/" g 7\$(31D"1+" g 7\$(31\$13S "' ['- '\$*TB;"W%S31'8"2'T17*' "\$1"IB'">+: '%B\$/ '%="7-3%' --" 6TB++(E">+: '%B\$/ '%E"9'T' 04'*"GMMa;"

"

W%-7*/ '%1"W 0\$/3%3%/-0")+ -1T+(+3\$(31D"\$%8" _*/\$%3`\$13+%\$("5%\$(D-3-"KC31B"5%-B70\$%) *\$-\$8L;"6C'83-B"6TB++(+,"NT+%+03T-"<="7-3%' --"5803%3-1*\$13+% "KY5A i NALE" Y'(-3%&3E" . \$D"GMMa;"

"

9' -13%\$13+% "R%&+%C"0" A\$S3/\$13%/"\$ [+71'"U+C\$*8" . \$%\$/3%/"93S' *-31D;"W%S31'8") ('%\$*D" 2'T17*' "\$1"IB'"9\$%3-B"W%-13171'"+" ,Y70\$%" [3/B1-"5%%7\$("5C\$*8">' *' 0+%DE">+: '%B\$/ '%E" . \$*TB"GMMa;"

"

. \$%\$/3%/"93S' *-31D"\$%8"IB'"2+/3T"+,"^\$-B3+%;"W%S31'8"d7'-1'2'T17*' "\$1" _W6N"K_ %1\$*3+" W%-13171'"+" ,61783' -"3%"N87T\$13+%LE"R%3S' *-31D"+,"U+*+%1+E"^4*7\$*D"GMM!;"

"

= 'B3%8"IB'"=*3/B1"^\$T'0"N%1' *3%/"IB'"6B\$8+C" b +*(8"+," b +*&:(\$T'"93S' *-31D;)" ('%\$*D" \$88*' --"\$1"IB'"!!"IB" A+*83T" . 3/*\$13+% ">+," '*%'T'E" d+IB' %47*/E"6C'8' %E" _T1+4' *!" \\ \ \ ;"

"

93(' 00\$- "+," b +*&:(\$T'"93S' *-31D;"W%S31'8"('T17*'E">+:%. \$5"C+ ': . %)Z#",&' (0,&-)512" >#; #2#,,.)K>' %1' *," +*="7-3%' --"<")+ (3TD"61783' -LE"61+T&B+(OE" _T1+4' *!" \\ \ \ ;"

"

UB "U*\$%-(\$13+% "+,"W%-131713+%\$(" . D1B"3%1+"61*7T17*' ;"W%S31'8"('T17*'E"6>_ [N"K61+T&B+(0" >' %1' *," +*_/*\$3`\$13+%" ['- '\$*TBLE"61+T&B+(OE"^4*7\$*D"! \\ \ \ ;"

"

6: '\$&3%/"\$4+71" ['-3-1\$%T'0" [+713%' _ : : + -313+% "7%8' *">+%8313+% - "+,"^(' f34(" >\$: 31\$(3- 0;" W%S31'8"('T17*'E"^\$T7(1'"8' -"-T3' %T' -"8'"(c\$803%3-1*\$13+%E"2\$\$\$("R%3S' *-31DE" g 7'4'T">31DE" X\$%7\$*D"! \\ \ \ ;"

"

93-T+7*-' "5%\$(D-3-"\$%8" b +*&:(\$T'" ['-3-1\$%T' ;"W%S31'8"2'T17*'E"9' : \$*10' %1"+," W%1' *%\$13+%\$(=7-3%' --"\$%8"IB'"N%S3'+% 0' %1E" [71/' *- "R%3S' *-31DE" A+S' 04' *!" \\ \ \ ?;"

"

61* '1TB3%/"IB'"W*+% ">\$/'0"NO : (+D' "' ['-3-1\$%T' "1+"U'TB%+(+/3T\$(">B\$% / ;"W%S31'8" 2'T17*'E"9' : \$*10' %1"+," 5TT+7%13%/"\$%8" . W6E"^\$T7(1D"+,"=7-3%' --"R%3S' *-31D"+," 5(4' *1\$E" N80+%1+%E" A+S' 04' *!" \\ \ \ ;"

"

['-3-1\$%T' "\$1"IB'" b +*&:(\$T' ;"d7'-1'2'T17*'E"6TB++(+,"NT+%+03T-"\$%8">+00' *T3\$("2\$CE" d+1'4+*/"R%3S' *-31DE"6C'8' %E"5 : *3("! \\ \ \ ;"

"

R%8' *-1\$%83%/" [+713%' ['-3-1\$%T' "\$1"IB'" b +*&:(\$T' ;"23%&+ : 3%/"R%3S' *-31DE"23%&+ : 3%/E" 6C'8' %E"5 : *3("! \\ \ \ ;"

"

>B\$%/3%/"Y [. "_ *3' %1\$13+% -"3%"\$") + -1I^+*83-1" b +*(8;"Y'(-3%&3">B\$04' *"+," >+00' *T'E" Y'(-3%&3E"^3%(\$%8E"^4*7\$*D"! \\ \ \ ;"

"

"

"

N('T1*+%3T" . ' '13% /-\$%8" _*/%3` \$13+%\$("9D%\$O3T-;"9 ' :\$*10 ' %1"+,)-DTB+(+/DE"
R%3S '*-31D"+, " [3TB0 +%8E"Z3*/3%3SE"X\$7\$*D"! \ \H;"

"

. %\$%/3%/"IB"="*\$3%D" . +%-1 '*0">+0 :71 '*-\$%8"U'TB%+(+/3T\$("5%1B*+ : +0+* :B3-0 "3%"
_*/%3` \$13+%-;"^\$T7(1D"+, "5803%3-1*\$13S "'6T3 '%T' -E" F+*&"R%3S '*-31DE"U+*+%1+E" . \$D"! \ \@;"

"

W-"1B' "b '(T+0 ' " . \$1",+* b +0 '% " . %\$%/ '*-" b '\$*3%/"UB3%e"UB'"V '*+f" b +0 '%",+*
NfT'(('%T'"A '1C+*&E">\$(/\$*DE" _T1+4 '*!" \ \a;"

"

" " QQQ

"

ACADEMIC HONORS AND A ARDS

"

N8C3% " . +-'('D"2 'T17* '-B3 :E"GM!];"UB'" . +-'('D"2 'T17* '-B3 : "3-"6&380 +*'">+((/ 'c-"
B3/B' -1"\$T\$8' O3T"B+ +%* /3S '%"\$%7\$((D"1+"\$, \$T7(1D"3%"* 'T+ /%313+%"+" ,IB' 3*"+71-1\$%83% /"
-TB+(\$*(D"\$TB3' S' O ' %1-;"

"

93-13%/73-B'8"Z3-313%/"^'((+CE">' %1 '*",+*")74(3T"W%1 '* '-1"5 TT+7%13%/E"R%3S '*-31D"+,"
>\$(/\$*DE" . \$D"GMMH;"

"

N0 '*\$(8" . %\$%/ ' O '%1" ['S3'C-"5C\$*8",+*_71-1\$%83%/"N0 :3*3T\$(") \$: '*E"GMMa;"

"

23-1'8"3%"425W0)425)&')%2.)=#'#(. ; . '%'>I& . '1.0"KGMMML;"2+%8+%0"N8C\$*8"N(/\$*;"

"

W%1 '*%\$13+%\$(" b +*&3%/" . '04 '*E"27%8" ['- '\$*TB"W%-13171'E"27%8E"6C'8'%E"! \ \;"

"

"
Z;2;"NIB3*\$h" 5 C\$*8",+*)" *+,3T3 '%TD"3%"N%/(3-BE"R%3S '*-31D"+," . \$8*\$-E"! \]J;"

" " QQQ

CONFERENCE COORDINATION

_*/\$%3` '*"\$%8")\$*13T3:\$%1E"UB'"6\$%8C3TB"W%1 '*83-T3:(3%\$*D" . \$&3%/"\$"93,, '*'%T"
b +*&-B+:E"6\$%8C3TBE" . \$--\$TB7' '11-E"X7% '"GM!a;"6 :+%--+*' 8"4D"\$/*\$%1",*+O"1B'"=\$%&"+,"
>+0 0 '*T'"+"6C'8'%;"

>+I>+%S'%+*E" . 7(13%\$13+%\$(-"R%8 '* "d(+4\$(3` \$13+% "61* '\$0E">*313T\$(" . \$%\$/' 0 '%1"61783' -"
>+%, '* '%T'E">\$04*38/'"R%3S '*-DE"X7(D"GMM@;"

>+I>+%S'%+*E")+-IT+(+%3\$(3-0 "61* '\$0E">*313T\$(" . \$%\$/' 0 '%1"61783' -">+%, '* '%T'E"
2\$%T\$-1 '*E"X7(D"GMMJ;"

>+I>+%S'%+*E"_: '%U*\$T&"6' --3+%E"!H^B5 %%7\$(" . ' '13%/"+"Nd_6"KN7*+: '\$%"d*+7: ",+*"
_*/\$%3` \$13+% "61783' -LE"Y'(-3%&3E"X7(D"GMMM;"

>+%S'%+*E"d(+

"

d. ' : . "N) 4 5"6)#' :)F"(# '&G#%&5 '"

)

F"(# '&G#%&5 ')>%+ : &. 0)

"

F"(# '&G#%&5 ')

)

>1# ' : & ' #-&#')05+ "' #,)5\$) = #' # (. ; . '%)

)

H1# : . ; E)5\$) = #' # (. ; . '%)05+ "' #,)

)

H1# : . ; E)5\$) = #' # (. ; . '%) / . -&. Q)

)

= J>) * + #' % . ", E)

)

B+ ; #') / . , # % & 5 ' 0)

)

F"(# '&G#%&5 ')>1&. ' 1.)

)

H : ; & ' & 0 % '# % & - .)>1&. ' 1.) * + #' % . ", E)

)

J '\$ 5 " ; # % & 5 ') 9 . 12 ' 5 , 5 (E) # ' :) 7 . 5 < , .)

)

05+ "' #,)5\$) = #' # (. ; . '%) K : + 1 # % & 5 ')

)

B. A C

_ * / \$ % 3 ` \$ 13 + % " \$ % 8 " . \$ % \$ / ' 0 ' % 1 " UB ' + * D " 9 3 S 3 - 3 + % E " 5 T \$ 8 ' 0 D " + , " . \$ % \$ / ' 0 ' % 1 "

"

d ' % 8 " * " \$ % 8 " 9 3 S ' * - 3 1 D " 3 % " _ * / \$ % 3 ` \$ 13 + % - " 9 3 S 3 - 3 + % E " 5 T \$ 8 ' 0 D " + , " . \$ % \$ / ' 0 ' % 1 "

"

[' - ' \$ * TB " . ' 1 B + 8 - " 9 3 S 3 - 3 + % E " 5 T \$ 8 ' 0 D " + , " . \$ % \$ / ' 0 ' % 1 "

"

N \$ - 1 ' * % " 5 T \$ 8 ' 0 D " + , " . \$ % \$ / ' 0 ' % 1 " 5 % % 7 \$ (" > + % , ' * ' % T ' "

"

C. R G

6 + T 3 \$ (" 6 T 3 ' % T ' - " \$ % 8 " Y 7 0 \$ % 3 1 3 ' - " [' - ' \$ * TB " > + 7 % T 3 (" K 6 6 Y [> L " + , " > \$ % \$ 8 \$ "

"

A \$ 1 3 + % \$ (" 6 T 3 ' % T ' " ^ + 7 % 8 \$ 1 3 + % " K A 6 ^ L E " R ; 6 ; 5 ; "

"

D. B P

6 \$ / " ") 7 4 (3 T \$ 1 3 + % - "

"

_ f , + * 8 " R % 3 S ' * - 3 1 D ") * ' - - "

"

"

[+7l('8/ '")74(3T\$13+% -"

"

NO '*\$(8") 74(3-B '* -"

"

N(- 'S3 '* "6T3 '%T' ") 74(3-B '* -"

"

6l\$%, +*8"R%3S '* -3lD") *' --"

"

. ' 04 '*E"U\$-&"^+*T'"1+"T+% -13171'"\$%" 'C" 0 3%+*"3%"^3(O "\$%8" . ' 83\$"61783' -E"GM!J"1+"GM!a;"

"

_*/\$%3` '*E" 5 %%7\$("2 'T17*'"3%"W%1 '*%\$13+%\$(" 5 ,,\$3*-E"GM!G"n":*'- '%1;"

"

^+7%8 '*"\$%8">+I+*83%\$13+%"+,"1B'"6&380+*" ['- '\$*TB"

"

>B\$3*"+,"674I>+0 0311' '93*'T1'8"C31B"1B'"U\$-&"+," b *313%/"\$6'T13+%"+,"1B'"9':\$*10'%1\$(
6'(,I-178D" [':+*1'9'\$(3%/"C31B^\$T7(ID")*+,3('E"9'S'(+:0'%1E" ['T*7310'%1"\$%8"
['1'%13+%;"

"

>+*83%\$1+*E" ['- '\$*TB" [+7%81\$4('E" . \$%\$/'0'%1"<="=7-3%'--"9':\$*10'%1E"^\$(("GMMMI
GMM!;"

B. L

"

. '04'*E"=7-3%'--IR%3S'*-31D")\$*1% '*-B3:"W%313\$13S'E"!\\?IGMMM;"

"

5--T3\$1'"93*'T1+*E"9+T1+*\$("6178'%1"9'S'(+:0'%1")*+/*\$0E"!\\?IGMMM;"

"

. '04'*E">+0 0311' ',+*5TT*'831\$13+%K5 5>6=LE"W%1'('(T17\$(">+%1*34713+%-"^+T7-E"!\\@I
GMMM;"

"

>+*83%\$1+*E" d7'-1"6: '\$&'*"^+*70E"!\\?IGMMM;"

"

C. C

"

. '04'*E"R%3S'*-31D">+0 0311' 'd*\$%13%/"U'%7*'"\$%8")*+0+13+%E"!\\@I!\\H;"

"

5--T3\$1'"93*'T1+*E"9+T1+*\$(")*+/*\$0E"^\$T7(ID"+," . \$%\$/'0'%1E"!\\aI!\\];"

"

. '04'*E"R%3S'*-31D"U\$-&"+*T'+%"6'f7\$("Y\$*\$--0'%1E"!\\@I!\\];"

"

. '04'*E"R%3S'*-31D"U*\$S'(^7%8- ">+0 0311' 'E"!\\aI!\\H;"

"

. '04'*E") '*,+*0\$%T'"NS\$(7\$13+% ">+0 0311' 'E"^\$T7(ID"+," . \$%\$/'0'%1E"!\\@I