

U;E9%TB%B;Y J - AE%

%
%

B,8<(\$%7% 9@\$%J/\$%&%A;2%,1%+@\$%#\$. \$4"3F\$1+%)1#%)334,*), "1%"&% - AB%5657%
'("*\$//\$/%

B,8<(\$%5)% E+(<*+(\$/%+"%E<33" (+%+@\$% - AB%5657% ! "#\$% "&% ' () *+, *\$%

B,8<(\$%5N%

'2-9%7%; \9-T I J!9;T \%

%

=4#! >?%#@#(&%!6!53A?+B0#) \$#&!%'&!+D0%\$5'+?&!'+!3+E F!6! B%'4!#GH50%'6!0#%\$&05'+?;!!'!&!3+E E%'!#)!!
'+!&HFF+(%?\$!5?)!F(+E+'%?\$!#GH50%'6!%?!(#(34!5?)!'+'(5?&F5(#?36!5?)!;5%(?#&&!%?)!#3%&+?&!
3+?3#(?%?\$!'4#!(#F(#&#?'5'+?;!+;!4#!#K3#00#?'!B+(A!+;!500!&'5;;;!?'!4%&! " 89!7/7:!. +)#!+;!<(53%3#J!
B#!&#'+H'+H(!F(+3#&&#&!+?L!

- ! =4#!;5%(!5?)!(5?&F5(#?'!%)#?'%;%35'+?;!+;!&'5;;!B%'4!-%\$?%;%35?'!"#&F+?&D0%'6!+(!"#(34!
M - " " N,!
- ! O#'#(E%?%?\$!B4+!%&!5?!I?)#F#?)#?'!"#(34#(,!
- ! =4#!�#3'+?;!+;!+H'FH'&,!

!

=4#! " 89!7/7:!



+(I&HD&'5?'%5006!%EF(+@#)!!?&%'\$4'&[!5?)!'4#!H&#!+;#K&%'?A?+B0#)\$#?!#KF#(%E#?'5!)#@#0+FE#?!
'+!F(+H3#!?#B!+(I&HD&'5?'%5006!%EF(+@#)!E5'#(%50&J!)#@%3#&J!F(+H3'&!5?)!F(+3#&&#&J!%?30H)??\$!
)#&%'\$?!5?)!3+?&'(H3%+?,!!'\$S*4<#\$/%(+H'%'#!#&%'?\$!5?)!

=4#!8O . !45&!5!(#E%!'!'+!#%E%?5'#!) %&3(%E%?5%' +?J!5)@5?3#!#GH5%!+FF+('H?%'#&!5?)! ;+&'#(!\$++)!
(#(5%' +?&! D6! '53A%?%! F(#H) %3#! 5?)! F(+E +%'?%! H?)#(&'5?) %?%! \$J! '4#(#D6! #?&H(%?%! '4#! >?%#@#(&'6!
5@+%)&'4#!F+'#?'%5%! ;+(!) %&3(%E%?5%' +?+?! \$(+H?)&!+;! '4#!F(+ '#3'#!)#GH5%!'6!&'(5?)& ,!

The Committee's remit goes beyond legislative compliance. It aims to support delivery of key elements of the University's Strategic Plan through policy development and the promotion of
#K5E F(%&! +;! \$++)! F(53%'3#! ;(+E! D+'4! %?'#(?5% 5?)! #K'#(?5% !&+H(3#&! !'! 5%&+! &##A&'! '+!)#@#%+F!!
5?)! E5%'5%?! #; ;#3%'@#! ?#'B+(A%?%! 5?)! %5%&+?! %?! #GH5%!'6! 5?)!)%#@#(&'6! %&&H#&! =4%&! 5FF%#&!
%'#(?5%6! B%'4%?! '4#! >?%#@#(&'6! 5?)! #K'#(?5%6! B%'4! 5! F5('3H%5(! ;+3H&!

W?! 8IW!+;! '4&! . +)#!+;! <(53%3#!&!F(+@%)#)!%?! 233\$1#S%70_W))%'+?50!%?)%@%)H50! 8IW&!+?! '4#!)#0#0+FE#?!+;!H?)#(F%??%\$!F(+3#&&#&!5(!FHD%&4#)!+?! '4#!8O . !5?)!" 89!7/7 :!&'5; ;!?'(5?#!'&'#& ,!

><F) 1% - \$/ " <(*\$/%P> - Q%E+)+\$8H%

I?!&HFF+('!+;!+H(!3+E E%'E#?!'+!#ED#))%?\$!'(5?&F5(#?!5?)! ;5%(!F(53%3#&!?'!4#!(#3(H%'E#?'5?)! �#3'%+?!+;!+H(!&'5; ;!J!500!Q " !F+0%3#&!?'30H))%?\$!'4+&#!3+?3#(?#)!B%'4!'4#!(#3(H%'E#?'!5?)!�#3'%+?! +;!&'5; ;!5(!&HD\#3!'!+(+DH&'!8IW,!

I?!+()#('!+!#?&H(#! ;5%('!#5'E#?'!4#!> ?%#@#(&'6!5)+F'&!5!3+E F#'#?36!D5&#) !5FF(+534!+!'#(@%#B&[! 500!4+&#!F5('%3%F5%'?%\$!?!5FF+%'? 'E#?'!F5?#0&!5(#!+; ;#(#)! (5%?'?%\$!5?)!Q " !&HFF+('!?!+!)#('!+!#?%(34! '4#(!H?)#(&'5?)%?\$!5?)!#?&H(#!3+?&#&'#?'!5FF0%35'%+?!+;! '4#!3+E F#'#?36!D5&#) !5FF(+534,!=4#! 3+E F#'#?36!D5&#) !5FF(+534!&HFF+('&'!4#!+D\#3'%@#!5&#&&E#?'!+;!3+E F#'#?3%#&!0%A#)!'+!'4#! \+D!)#&3(%F'+?!(#)H3%?\$!'4#!F+'#?'%50!+(!D%5&!?'!�#3'%+?!)#3%&+?& ,!

I?!5))%'+?!'!+;!53#Z'+Z;53#! '(5%?'?%\$!5?)!Q " !&HFF+('! '4#!> ?%#@#(&'6!05H?34#)!%?!9#D(H5(6!7/ :2!!!! 5!(5?\$#!+;!#Z#5(?%\$!E+)H%#&J!?'30H))%?\$!&F#3%;3!'(5%?'?%\$!+?!H?3+?&3!+H&!D%5& ,!=4#&#!E+)H%#&! 450#!D##?!E5)#!5@5%5D0#!'+!500!&'5; ;;!I?!WF(%0!7/ :c!J!H?3+?&3!+H&!D%5&!#Z#5(?%\$! '(5%?'?%\$!B5&! E5)#!E5?)5'+(6!+(!500!&'5; ;!F5('%3%F5%'?%\$!?!�#3'%+?!F5?#0& ;+(!&'5; ;!#3(H%'E#?'!5?)! ;+E!7/ :Y! D#35E#!5!E5?)5'+(6!'(5%?'?%\$!#GH%(#E#?'! ;+(!500! ?#B!&'5; ;;!V+&'!#3#?'06!%?!V5(34!7/ :0!5?)!%?! V5(34!7/ :Y!J!H?3+?&3!+H&!D%5&! '(5%?'?%\$!B5&!#K#?)#)!'+!E#ED#(&!+;! '4#!8O . !5?)!> ?%#@#(&'6! . +H('!E#ED#(& ,!=4#!> ?%#@#(&'6!3+?'%?H#&'!'+!+; ;#(!#GH50%6!5?)!)%#@#(&'6!'(5%?'?%\$! ;+(!500!&'5; ;!+?!5?)! 5??H50!D5&#& ,!

U#!5(#!3+E E%'#)!'+!'4#!F(%?3%F0#!+;!#GH50!F56! ;+(!B+(A!+;!#GH50!@50H#J! ;(##! ;+E!D%5&!5?)!D5&#)! +?!+D\#3'%@#!3(%#(5,!=4#!> ?%#@#(&'6!#3+\$?%&#&!45!'H?)#(!'4#!8GH50%'6W3'!7/ :/J!D+'4!B+E#?'!5?)! E#?'!450#!'4#!(\$4!'!+;!#GH50!F56! ;+(!B5(92-14045W0504#)E1370 . 1220 . 1256BT9 . 96009 . 96170 . 78489 . 1Tm/

;1/+,<+, "1)4%)*+, ,+H%+"%)##(\$//%+@\$A+@1,*,+H% ("&4\$%"&E+)&&%

_?06!^,c`!+;!>?%#@(&%'6!&'5;;!5(#!RV8!B4%34!%&!D#0+B!'4#!-3+'%'&4!Q8!D#?34E5(A!+;!Y,c` ,!U#!
3+?'%?H#!'+!#?&H(#!+H(!#3(H%'E#?'!5?)(#'#?'%+?!&'(5'#\$#&!5(#!50\$?#)!'!+D+'4!RV8!5?)! *+?!
RV8!&'5;;,!

;1/+,<+, "1)4%)*+, ,+H%+"%)##(\$//%+@\$Y\$1#\$(%')H%Y)3%

The University's Equal Pay Review fo(!7/ :Y!&4+B&! '45'!B#!45@#!5?!+@#(500!F56!\$5F!%?!;5@+H(!!
+;!#E50#!&'5;;!+;!/,70` ,!U#!3+?'%?H#!'+!(#0%#B!+H(!F56!)5'5!+?!5?15??H5!D5&%&!5?)!5)@5?3#!
53'!+?&!(#'5'#)!'!+!\$#?)#(!F56!@!5!+H(!W'4#?5!-UW*!53'!+?!F05? ,!

24,81 F\$1+? ,+@%;1/+,<+, "1)4%-\$/\$)(*@%)1#%]A%E+)+\$8H%

The REF 2021 Code of Practice aims to support the University's Research Strategy 2015Z7/!
B4%34!&'5'#&!+H(!3+E E%'E#?'!'+L!

- ❖ IEF(+@%?\$!4#!GH50%'6!+;!0%;#!5?)!DH%0) %? \$!4#!#0%)#?3#ZD5&#!;+(!F+0%36!5?)!F(53'3#!4(+H\$4!
B+(C)!0#5) %? \$!EHC%) %&3%F0?5(6J!'(5?&05'!+?50!(#(34!5?)!%?'#(?5'!+?50B+00D+(5'!+? ,!
- ❖ I?'%5'?\$!5?)!&45(%?\$! (#(34!%)#5#!'45'!5(#!)#E5?)!0#!5?)!;+3H&#!'+?!5!D(+5)#(!
F#(&F#3'0#!Z!'4#!@50H#!+;!+H(!B+(A!%&!E#5&H(#)!D6!'%'&!%E F53'!5?)!'4#!&+3%50!H&#;HC?#&&J!
F(53'350%'6!5?)!5FF0%3

2*+, "1%;#\$1+,&,\$#%3" /+% - AB%567 :%Z%!)#?%;6!B56&!+!F(+E+'#13!5('6!5?)!3#D(5'#!)%@#(&'6!%?!
d V>!535)#E%3!%)#?'%#&,&!

J3#)+\$%)+% - AB%5657%

- ! *#B!"##5(34!5?)!P8!B#DF5\$#&!5H?34#)!%?!7/ :c,!
- ! .H(5'+?!5?)!3#D(5'+?!+;!d V>!I?&F%(\$?9#E 5%#!"##5(34#(!8K4%D%'%+?!%?!7/ :2!-!5%&+!
+?!'4#!>?%#@#(&'6!B#DF5\$#&,&!
- ! 8?'(F(#?Q8"!#0#?'!B%'4!+H(!.45?3#0+(!<(H#!b#%'4!%?!7/ :S,!
- ! O#)%35'#)!&HFF+(!15?)!;H?)%?\$!+(!;#E 5%#!(##5(34#(&'!+!5'#!#?)!#0#?'&!%,#!-+5FD+K!
-3%#?3#!5?)!W33#0#(5'Q8",!
- ! -H33#&&!%?!W'4#?5!-UW*!B%'4!5!(+0%?\$!F(+\$(5E E#!+;!5FF%35'+?&,&!
- ! 8%\$4!6#5(!(#'?'%+?!+;!4#!Q"!8K3#0#?3#!%?!"##5(34#WB5()),!

2*+, "1%;#\$1+,&,\$#%3" /+% - AB%567 :%Z%|EF(+@#!5?)!#?45?3#!+FF+'(H?'%#&!+(!E#?'+(?#\$J!
&5DD5'35%&!5?)!(&##5(34#(!)#0#0+FE#?',!

J3#)+\$%)+% - AB%5657%

- ! "##5(34#(!)#0#0+FE#?'!DH)\$#&!5%+35'#)!'+!-34++&!5?)!"##5(34!.#?'(##&,&!
- ! I?&'H'+?5!E#ED#(&4F!+;!a'5#!5?)!&HD&3(%F'+?!'+!4#!a'5#!"##5(34#(D#0#0+FE#?'!
9(5E#B+(A!M"O9N!<5??#(,!U+(A&4+F!+?!H&?%!4#!"O9!F[5??#(!H?!.+H(!'E#&!5!6#5(!
5?)!5(#!H&#)!'+!#?3+H(5\$#!HF'5A#!D6!#B!&'5;;!DH'!5%+!5&!5!(#;(#&4#(!;+(!#K%?'\$!
&HD&3%D#(&,&!
- !

2*+," 1%;#\$1+,&,\$#%3 " /+%- AB%567 : %

•! l?3(#5&#&'(5'#\$%3!)%5(+H#!D#'B##?!>+W!b#5) &!Q#5) &!+;!O%@%&+?!5?) !O#5?&!+!C++A!5!
<#(+E5?3#!8?45?3#E#?'! "#@%#B!||<8 " NJ! U +(A0+5) !W00+35%+?!V+) #0J!F(+E+'%+?&!5?)!
535)#E %3!%)#?'%#&!%?!(#(34!5?) !0#5(?%?\$!5?)!#534%?\$,!

•! 8ED#)!F5(%'6!+;!#&'##E !%?!(#(34!P8!5?) !%EF53',!

2*+, "1%;#\$1+,&,\$#%3" /+% - AB%567 :%Z!8&'5D%&4!E #345?%&E &'!+!;H006!35F'H(#!'4#!F+&%#@#!%EF53'!
+;!+H(!((34!+?!'4#!#3+?+E 6!4#50'4J!&+3#'#6J!3H0'H(#J!5?)!FHD0%3!)%&3+H(&#,!)

J3#)+\$%)+% - AB%5657%

- ! *#B! "#(34!IEF53'!-'(5'#\$6!5?)!%?@#&'E#?'!F05?!05H?34#!5?)!%EF0#E#?'#)!;(+E!
7/:c!+?B5())&,!)
- ! O#)%35#)!%?%5%#@#&!45@#!'5(\$#'#)!&F#3%;%3!\$(+HF&!%,#,#!B+E#?!5?)!#5(06!35(##(!
(#(34#(&!'+!&HFF+(!'4#%(!B%)#(!'5?&05%'+?50!5?)!%EF53'!&A00&J!%?30H)%?#!E#)%5!5?)!

+;!D%5&!B%00!D#!5))(#&&#),!#!%&! (#3+\$?%&#)J!;+(!#K5EFC#J!'45!'4#!E +&'!3+E E +?%6!H&#!
3!'5'+?!)5'5D5&#&!5(#!?'+'!;5%(06!(#F(#&#?'5%#@#!+;!500!+H(!)%&3%F%?#&!+(!+H'FH!'!6F#&!M#,\$!
E +?+\$ (5F4&N!5?)!'45!'FHD%&4%?\$!F(53'3#&!@5(6!D6!\$#?)#(,!

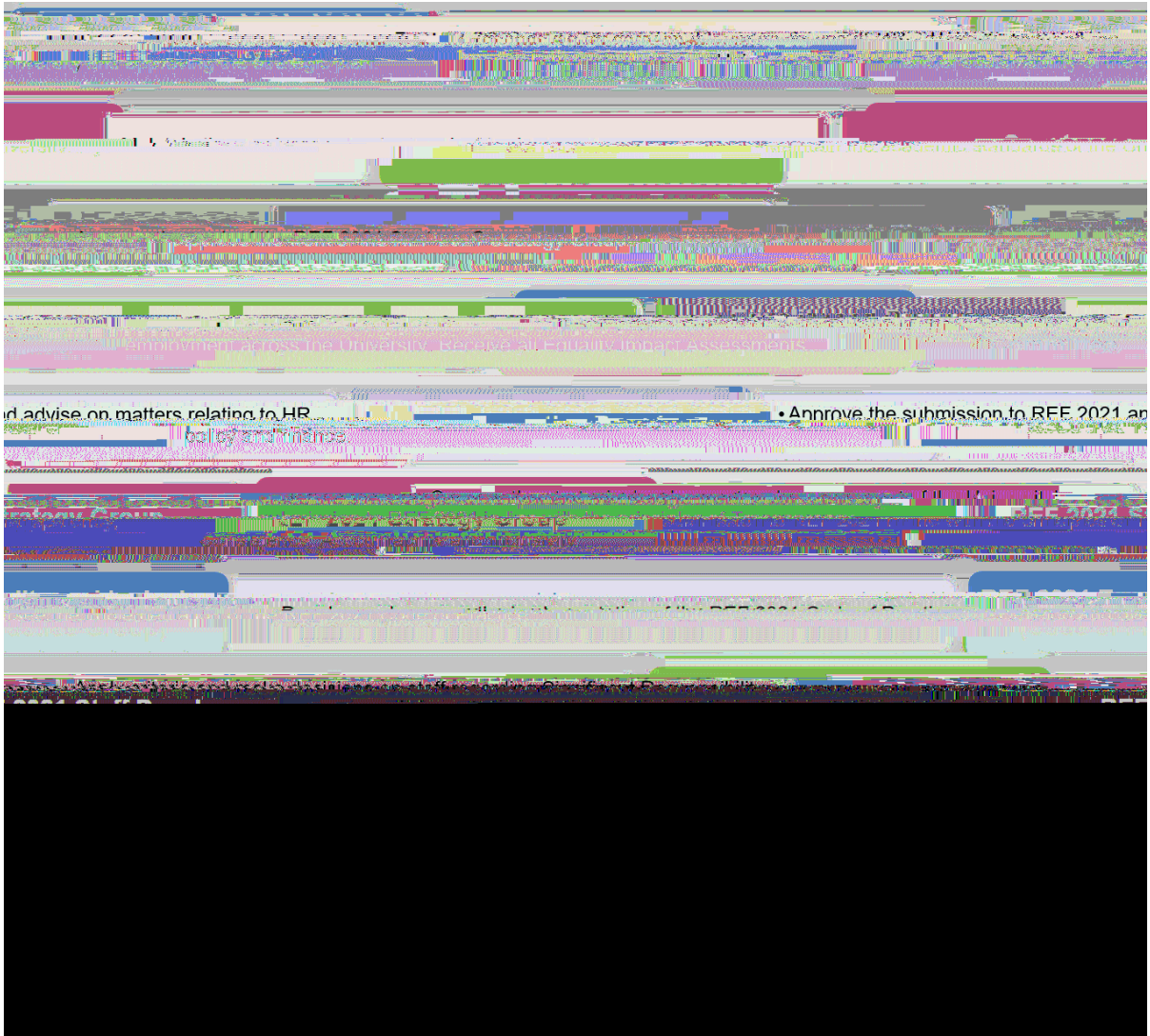
! "1/,/+ \$1 *H%

- ! WFF+%'E#?'! +;! 5! " 89! 7/7: ! 8GH50%6! 5?)! I?3%CH&+?! M . +)#! +;! <(53'3#N! T(+HFJ! B%'4!
?+E%?5'#)! (#F(#&#?'5%#@#!;(+E!'4#!=(5)#!>?%+?&!5?)!'4#!%?&'%'H'+?5%! 8O . J!'+'#?&H(#!
'45!'4#! " 89!7/7: ! . +)#!+;!<(53'3#!%&!H?%;+(E06!%EFC#E#?'#)!53(+&&'4#%?&'%'H'+?;,!
- ! <(E+'%+?;!+;!5?!!?)#F#?)#?'J!%?&'%'H'+?5%!(+0#!;+(! " P8O>'!+'#?&H(#

- ! <(E+'%+?5!E 5'#(%5!5?)!@%&H5!5B5(#?#&&!35E F5!\$?&!5(+H?)!'4#!35E FH&?3!H)!?!" 89!
7/7:!'PopZUps'!
- ! WFF+%?'E#?'!+;!5?%?'%H'+?5!" 89!7/7: W35)#E%3!b#5)!'+!345E F!+?!4#!" 89!7/7:!. +)#!

B,8<(\$!5)%E+(<*+<(\$/%+"%/<33" (+!+@\$% - AB%5657%! "#\$%"&%' () *+, * \$%PB<44%#\$+),4/%, 1%233\$1#,S%:0%

%
%



!

" 89!7/7:!. +)#!+;!<(53'3#!

!"#\$%&.'

B,8<(\$%5N%E<F F)(H%I,)8()F%"8%)44% - AB%5657%! " F F,+,\$\$/%)1#%Y("<3/%

%
%
%
%
%
%
%
%
%
%
%
%
%
%
%
%
%
%
%
%
%
%
%

' 2 -9%5% 2 \ I % ' 2 -9%R%; IA \ 9;B ` ; \ Y % E92BB % ^ ;9 > % E; Y \ ;B; ! 2 \ 9% -AE ' T \ E;C;U;9 ` %
BT - % -AEA2 - ! > % 2 \ I % -AEA2 - ! > % ; \ IA ' A \ IA \ ! A % ' TU; ! ;AE % 2 \ I % ' - T ! A I J - AE %

C) *K8(" <1#%

The UK Higher Education Funding Bodies' REF 2021 guidance states that criteria for identifying
&'5;;! ;+(! &HDE %&&+?! ' +! " 89!7/7 : ! &4+HC) !D#!) # @ # C + F #) ! 3 + 005D + (5 ' @ # 06 ! B % ' 4 ! ' 4 # ! 535) # E % 3 ! & ' 5 ; ; !
D +) 6J ! 5 ?) ! ' 45 ! ! # @ %) # ? 3 # ! + ; ! % ? & ' % ' H % + ? ZB %) # ! 3 + ? & HC ' 5 % + ? ! + ? ! ' 4 # ! 3 (% # (% 5 ! & 4 + HC) ! D # ! 5 @ 5 % 05D C # ! % ? ! ' 4 # !
institution's REF 2021 Code of Practice.!

The University made the decision to seek the early views of academic staff on the University's

Staff employed on 'research only' contracts (53'&!!EH&'!!D#!!I?)#F#?)#?'!! "#(34#(&!!'+!!E##'!!
the definition of REF 2021 Category A Eligible. All staff on 'research only' contracts who are
I?)#F#?)#?'!" #(34#(&!B%00!D#!(#'H(?#)!5&!" 89!7/7:!. 5'#\$(6!W!-HDE%'!5D0#,!
" #(34W&&&'5?'&!!&+E#'%E #&!50&+!) #&3(%D#)!5&!(#(34!

0)(,)+, " 1 / %, 1 %) 33 (") * @ % + " %, # \$ 1 +, & H, 18 % / +) & & ? , + @ % E - - %) 1 # % - \$ / \$) (* @ % ; 1 # \$ 3 \$ 1 # \$ 1 * \$ %
= 4 # ! F (+ 3 # & & ! ; + (! %) # ? % ; 6 % ? \$! & ' 5 ; ; ! B % ' 4 ! - " " ! 5 ?) ! " # & # 5 (3 4 ! I ?) # F # ?) # ? 3 # ! B % ! ! D # ! & ' 5 ?) 5 () ! 5 3 (+ & & !
5 0 0 ! > + W & , ! = 4 # (# ! B % ! ! D # ! ? + ! @ 5 (% ' 5 + ? ! % ? ! # E F 0 + 6 E # ? ! F (5 3 % 3 # & ! D 6 ! ' 4 # ! > + W , !

AS * \$ 3 + , " 1 / % & " (% 1 \$? % - AB % 5 6 5 7 % A 4 , 8 , N 4 \$ % E +) & & %

! ! % & ! (# 3 + \$? % & #) ! ' 4 5 ! ' & ' 5 ; ; ! B 4 + ! 5 (# ! ? # B ! ' + ! ' 4 # ! > ? % @ # (& % ' 6 ! E 5 6 ! ? + ! ' 6 # ! E # # ! ' 4 # ! 3 (% ' # (% 5 ! 5 & ! & # ! + H !
5 D + @ # ! 5 ?) ! ' 4 # (# ; + (# ! ; + (! + F # (5 ' % + ? 5 ! F H (F + & # & J ! ? # B ! ' 5 ; ; ! B 4 + ! E # # ! ' 4 # !) # ; % ? % ' % + ? ! + ; ! 5 ! " 8 9 ! 7 / 7 : !
. 5 ' # \$ + (6 W ! - ' 5 ; ; ! 5 ?) ! 5 (# ! ' 4 # (# ; + (# ! " 8 9 ! 7 / 7 : ! 8 0 % \$ % D 0 # ! B % ! ! D # ! 5 & & # & #) ! + !) # ' # (E % ? # ! B 4 # ' 4 # (! ' 4 # 6 !
4 + 0) ! - " " ! F (% + (! + ! ' 4 # ! ? # K ! ' & ' 5 \$ # ! + ; ! & 3 4 #) H 0 #) ! " 8 9 ! 7 / 7 : ! - ' 5 ; ; ! < 5 ? # 0 ! E # # ! % ? \$ & , !

U 4 # (# ! & H 3 4 ! 3 5 & # & ! # K % & ! ' 4 # ! (# 0 # @ 5 ? ! ' Q # 5) ! + ; ! O % @ % & % + ? ! + (! O # 5 ? ! E 5 6 ! 5 F F 0 6 ! 5 ? ! # K 3 # F % + ? ! ' + ! ' 4 # !
3 (% ' # (% 5 ! 5 ?) !) # & % \$? 5 ' # ! 5 ! & ' 5 ; ; ! E # E D # (! 5 & ! 4 5 @ % ? \$! - " " ! + (! " # & # 5 (3 4 ! I ?) # F # ?) # ? 3 # ! B % ' 4 + H ! ' 5 F F 0 6 ! ? \$!
' 4 # ! E % ? % E H E ! ' 4 (# & 4 + 0) , !

' (" * \$ / / %

U % ' 4 % ? ! 1 / ! B + (A % ? \$!) 5 6 & ! + ; ! ' 4 # % (! & ' 5 (!) 5 ' # ! 5 0 0 ! " 8 9 ! 7 / 7 : ! 8 0 % \$ % D 0 # ! - ' 5 ; ; ! B % ! ! D # ! \$ % @ # ? ! 5 ! < 8 " ! ' + ! %) # ? % ; 6 !
' 4 # % (! - " " ! 5 ?) ! " # & # 5 (3 4 ! I ?) # F # ?) # ? 3 # ! & ' 5 ' H & ! 5 ?) ! B % ! ! D # ! % ? @ % ' #) ! ' + ! 5 ! E # # % ? \$! B % ' 4 ! ' 4 # % (! (# 0 # @ 5 ? !
" # & # 5 (3 4 ! . # ? ' (# ! O % (# 3 ' + (! + ! %) # ? % ; 6 ! ' 4 # % (! " # & # 5 (3 4 ! . # ? ' (# ! V # E D # (& 4 % F , ! = 4 # ! Q # 5) ! + ; ! O % @ % & % + ? !
or Dean will be responsible for arranging this as part of the new staff members' local induction.
= 4 % ! F (+ 3 # & & ! B % ! ! D # ! 5 0 0 + ! D # ! ; + 0 0 + B #) ! B 4 # (# ! # K ! & % ? \$! & ' 5 ; ; ! 3 4 5 ? \$ # ! 3 + ? ' (5 3 & ! 5 ?) ! ' 4 # ! ? # B ! 3 + ? ' (5 3 !
(# & H 0 ' & ! % ? ! ' 4 # ! & ' 5 ; ; ! E # E D # (! D # 3 + E % ? \$! " 8 9 ! 7 / 7 : ! 8 0 % \$ % D 0 # , !

U 4 # (# ! ' 4 # !

=4#!;+00+B%?\$!5(#!\ T9%\$(+H?)&!;+(!5FF#50L!

- a5%)%6!or standing of the University's judgements concerning the selection of outputs D5&#)!+?!GH50%6,!
- University's overall strategy for submission related to selection of UoAs and the quality 3(%'#(5!;+(!&HDE%&&!+?;!)
- W00+3ation of individual's research outputs to a specific!>+W,!)

! " F F < 1 , *) + , " 1 % + " % / +) & & % " 1 % + @ \$ % - A B % 5 6 5 7 % 2 3 3 \$) 4 / % " (" * \$ / / %

- O# ' 5 % & ! + ; ! ' 4 # ! " 8 9 ! 7 / 7 : ! W F F # 5 0 & ! < (+ 3 # & & ! B % 0 0 ! D # ! % ? 3 0 H) #) ! % ? ! 0 # ' ' # (& ! & # ? ' ! ' + ! & ' 5 ; ; ! 5) @ % & % ? \$! ' 4 # E ! + ; ! ' 4 # ! + H ' 3 + E # ! + ; ! ' 4 # ! " 8 9 ! 7 / 7 : ! - ' 5 ; ; ! < 5 ? # 0 ! V # # ' % ? \$ & , ! Q " ! B % 0 0 ! & # ?) ! ' 4 # & # ! 0 # ' ' # (& ! ' + ! & ' 5 ; ; ! 5 ! ' 4 # % (! 4 + E # ! 5)) (# & & , !
- = 4 # ! " 8 9 ! 7 / 7 : ! W F F # 5 0 & ! < (+ 3 # & & ! % & ! 5 @ 5 % 0 5 D 0 # ! + ? ! ' 4 # ! - ' 5 ; ; ; ! ? ' (5 ? # ' , !
- V # & & 5 \$ # & ! B % 0 0 ! D # ! & # ? ' ! + H ' ! ' + ! 5 0 0 ! & ' 5 ; ; ; ! ' + ! E 5 A # ! ' 4 # E ! 5 B 5 (# ! + ; ! ' 4 # ! " 8 9 ! 7 / 7 : ! W F F # 5 0 & ! < (+ 3 # & & , ! = 4 # & # ! B % 0 0 ! % ? 3 0 H) # ! ' 4 # ! ' % E # ' 5 D 0 # ! + ; ! " 8 9 ! 7 / 7 : ! W F F # 5 0 & ! < 5 ? # 0 ! E # # ' % ? \$ & ! 5 ?) ! ' 4 # !) # 5) 0 % ? # & ! ; + (! ' 4 # ! & H D E % & & % + ? ! + ; ! " 8 9 ! 7 / 7 : ! W F F # 5 0 ! 9 + (E & , !
- Q # 5) & ! + ; ! O % @ % & % + ? ! B 4 + ! 5 (# ! ' 4 # ! ; % (& ' ! F + % ? ' ! + ; ! 3 + ? ' 5 3 ' ! ; + (! % ? ; + (E 5 0 !) % & 3 H & & % + ? ! B % 0 0 ! E 5 A # ! & ' 5 ; ; ; ! 5 B 5 (# ! + ; ! ' 4 # ! " 8 9 ! 7 / 7 : ! W F F # 5 0 & ! < (+ 3 # & & , !
- A Staff REF 2021 'dropZ

• V5A#!(#3+E E #?)5'+?&!'+'4#!" 89!7/7:!'-(5'#\$6!T(+HF!+?!4#!GH50!6!5?)!;?50!�#3'+?!
+;!

" 89!7/7: !>+W!b#5) &!B!CC!%?@%'#! " 89!7/7: !-HDE%'!5DC#! - '5;;!H&%?\$!9+(E!:!P-\$&\$(%+"%233\$1#,S%
76Q%' +(5'#!MH&%?\$!'4#!GH5%'6!)#;%'?%'%+?&!%?!B,8<(\$%XN!5CC!+;!4#(!+H'FH'&!

'4#!;%?5!(5'?\$&!D6!'4#! " 89!7/7: !b#5)!B%CC!D#&#?'!'+' " P8O>!&+'45!'4#&#!5(#!C+\$#\$)!;+(!5H)%!
FH(F+&#&J!5?)!5!3+F6!&#?'!'+' " 89!7/7: !-HDE%'5D0#! - '5;;!;+(!'4#%(!+B?!(#3+(&,&!!!
" 89!7/7: !-HDE%'5D0#! - '5;;!5(#!5&A#)!+'!5) @%&#!'4#%(! " 89!7/7: !>+W!b#5)!+;!5?6!5))%'!+?50!
+H'FH'&!'!+;!+CC+B! B4%34!;500!B%'4%?'!4#! " 89!FHD035%'!+?!53%3#

•! <+'#?'%50!% E F%35%'+?&!+;!) +HD0#!B#%\$4'?\$!5?)! (#GH!(#)!(#&#(0#!+?!'4#!+0#(500!5@5%5D0#!
+H'FH'!F++0,!

•! 8K3#F%+?5006!#K'#(?50!F##(!#@%#B!(5'?\$&,!

!

^ @\$(%) 1%" <+3<+@) /% F " (\$%+@) 1%" 1\$%) <+@ " (% ? @ "%, /% - AB%5657%E<N F ,++) N4\$, 1%+@\$% - AB%5657%
J " 2M%+@\$% " <+3<+% ? ,44%N\$%) ++,(N<+ \$#%N) /\$#% " 1%+@\$% " 3+, F < F % " <+* " F \$%& " (%+@\$% J 1, . \$(/ ,+H%) /%)%
?@"4\$_9@\$%& " 44" ? ,18%*(,+\$(,) % ? ,44%N\$%) 334,\$#[%

•! WH'4+(13+?'(%DH'%+? ,!

•! W3'0#06! 5)) (#&&?\$! 5?)! (#&F+?)%?\$! '+! %&&H#&! %) #?'%;%#) ! D6! 8IW&! %?!(#05'%+?! '+! +H'FH'!
�#3'%+? ,!

•! W)) %'+?50!+H'FH'&!5@5%5D0#!'+!5?!5H'4+(;!+(!&HDE%&&+?!'+!'4#!" 89!7/7 :!>+W!'!+F'E %&#!
'4#!D#?#;%!+;! '4#!5@5%5D0#!F++0!+;!+H'FH'& ,!

=4#!F(+3#&&!B%00!

AFN)(8"%3\$(",#/#%

W?6!#ED5(\$+!F#(%+)&!%EF+&#)!D6!\+H(?5!FHD%&4#(&!EH&!?'+!#K3##)'4#!;+00+B%?\$!0#?'\$'4&L!

- ! :7!E+?'4&!;+(!" 89!V5%?!<5?#0&!W!5?)!R,!
- ! 7^!E+?'4&!;+(!" 89!V5%?!<5?#0&! .!5?)!O,!

_H'FH'&!&'00!H?)#(H#ED5(\$+!35?!D#!�#3'#!);+(!" 89!7/7 :!F(+@%)#)'45!'4#!)5'#!+;!%(&'!FHD035'%+?!%&!&'00!B%'4%?!'4#! " 89!7/7 :!(#F+(%'?\$!F#(%+),!

0\$(/,"1%+"%</\$%

" 89! 7/7 :! -HDE%'5D0#! -'5;;! &4+H0)! H&#! '4#! ;%?50!) (5;'! 5H'4+(! E5?H&3(%F'J! 5&! 533#F'#!);+(!
 publication, including modifications based on referees' suggestions, but before it has H?)#(\$+?#!
 3+F6Z#)%%?'\$!5?)!F(+;+;3+((#3'#+?;!=4!&!!&!&+E#%E#&!A?+B?!5&!4#!F+&'ZF(%?'!J!533#F'#!)E5?H&3(%F'
 MWVNI!5H'4+(!533#F'#!)E5?H&3(%F'!MWVNI!5H'4+(!@#(&%+?J!+(!F#(&+?50!3+F6,!I!'!%&!%EF+(5?'!'!+!
 45@#!'4#!3+((#3'!@#(&%+?;+;'4#!;%#!'+!HF0+5)!5?)!'!+!34#3A!;+(!3+F6(\$4'!(#&'(%3'#+?&,!!'!%&!+;'#?!!

T<+3<+%- \$#<*+, "1%P! (" // %(\$&\$(\$?, +@%/ \$*+, "1%"1%/+) &&%*, (* <F /+) 1*\$ /% "1%3) 8\$% :5Q%

! "%&!533#F'#)! '45!'4+&#!B4+!B+(A!F5('Z%'E #!+(!B4+!45@#!35(%?\$(#&F+?&!D%#%'#&J!+(!F#(#+) &!+;!%00!
4#50'4J!+(!;5E %06Z(#05'#) %0#5@#J!+(!35(##(ID(#5A&!;+(!F#(&+?50!(#5&+?&J!+(!B4+!5(#!8 . " &J!)H(%?\$!'4#!
5&&#&&E #?'!F#(#+)!E %\$4!'3+?'(DH'#!;#B#!(+H'FH'&! '45?!+'4#(&! =4#!E F53!'!+;!#534!3%(3HE &'5?3#!
+?'!4#!5D%#6!'!+;!5?!'?)%@%) H50!'!\$#?#(5'#!#K3#00#?'!+H'FH'&!%&!H?%GH#,! " 89!7/7 :!>+W! T(+HF&!!
B%00! �#3!'!4#!D#&'!F+(' ;+0%+!+;!+H'FH'&! '45!'D#&'! (#F(#&#?'&! '4#!#K3#00#?'! (#(34! ;(+E!'4+&#!
5@5%05D0#!'+!E 5A#!HF!'4#!>+W!+H'FH'!F++0,!

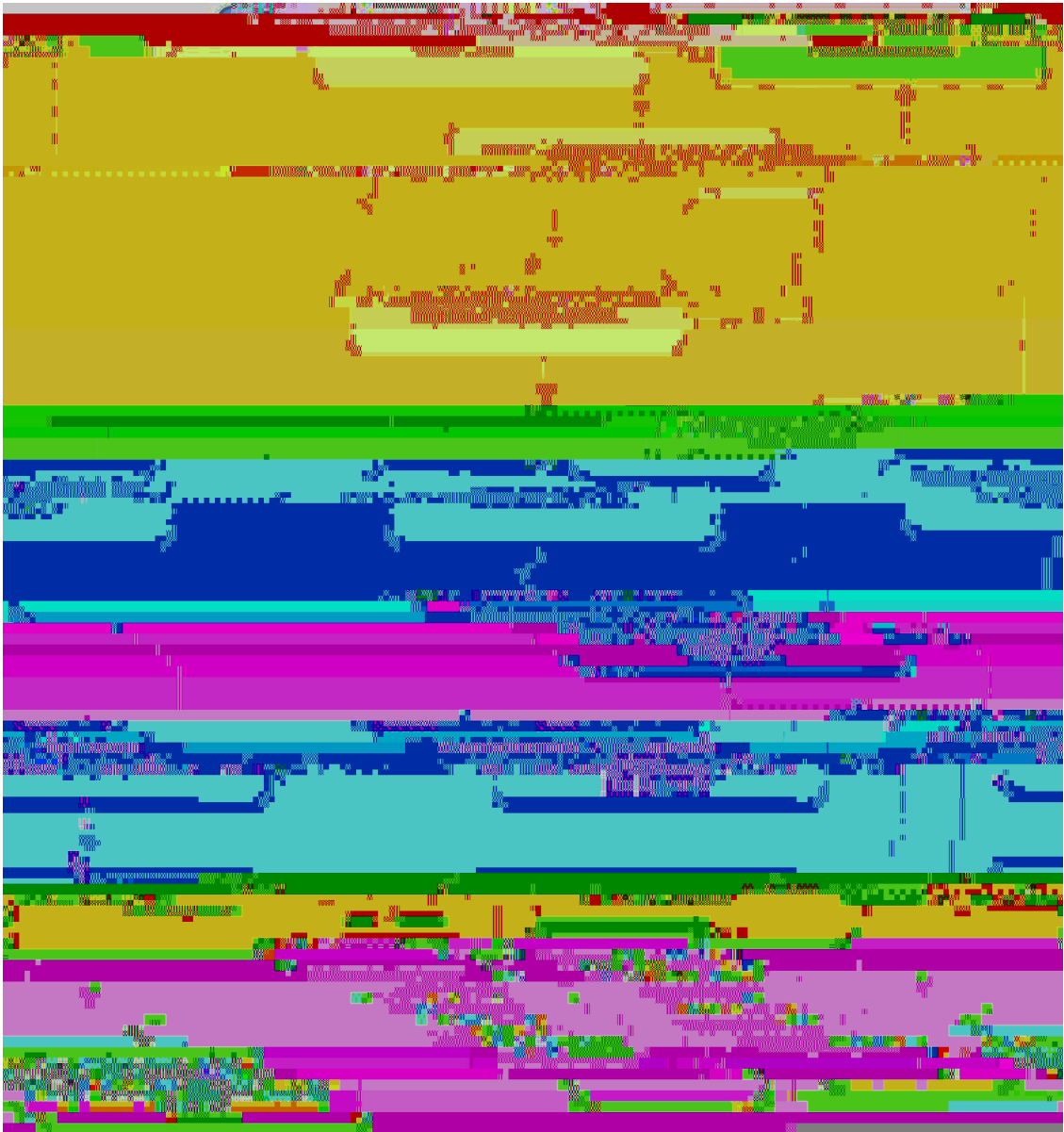
- '5;;!+H'FH'XF(+\$(#&&%+?!(#&F+?&!D%#%'#&B%00!D#!5)5F'#)!4(+H\$4!4#%(!<8 " !5?)!B+(A0+5)!F05?%?\$,!
=4#!>?%0#(&%6!%&!3+E E%'#)'!'+!#?&H(%?\$!'45!'4+&#!B4+!)#305(#!'5;;!3%(3HE &'5?3#J!+(!B45'#0#(!
(#5&+?J!5(#!?'!+?06!?'!)&5)@5?'5\$#)!DH!'5(#!&HFF+('#)!%?!5!B56!5FF(+F(%5'#!'+!4#%(!%?)%@%) H50!
3%(3HE &'5?3#& ,!

=4#!)#3+HF0%?\$! +;! &'5;;! ;(+E! +H'FH'&! F#(E%'&! \$(#5'#!(! ;#K%D%#6! %?! F(#&#?'%?\$! 5! F+(' ;+0%+;5

- ! W)+F'%'\$!'4#!F(?!3%F(#!+;! '4#!b#%)#?!V5?%;#&'+,!
- !

B,8<(\$%#Z%' (" *\$#<(\$%&"(%T<+3<+%A4,8,N,4,+H%&"(%!)+\$8"(H%2%-AB%5657%E<NF,++)N4\$%E+)&&%

%



!

" 89!7/7:!.+)#!+;!<(53%3#!

!"#\$%(.%&

B,8<(\$%L%Z%' (" *\$#<(\$%&" (%@\$%E\$4\$*+, " 1%) 1#%2++(,N<+, " 1%"&%T<+3<+/%&" (%!))+\$8" (H%2% - AB%5657%
E<NF,++)N4\$%E+) &&%

%

- AB%5657%E+) &&% !, (*<F /+) 1 *\$ /%

%

' "4,*, \$ /%) 1#%' (" *\$#<(\$ /%

%

=4#! ;+00+B!?\$! F(+3#)H(#! F(+@%) #&! 5! &5;#! 5?)! &HFF+'%@#! &'(H3'H(#! ;+(! &'5; ;! '+!) #305(#! #GH50%'6!
(#05'#)! 3!(3HE &'5?3#&! '45'! E 56! 45@#! 5;;#3'#)! ||+(! 45@#! '4#! F+'#?'%50! '+! 5;;#3'N! '4#%(! (#(34!
F(+)H3'%@%'6!5?)!F5('%3H05(06!'4#%(15D%'6!'!'+!F(+)H3#!

2,! O%&5D%6!M%?3CH)%?\$!34(+?%3!3+?)%'+?&N,!
c,! 100!4#5'4J!%?H(6!+(!E#?'50!4#50'4!3+?)%'+?&,!
0,! .+?&'(5%?'&!(#5%?'\$!'!+!;5E%6!0#50#!'45'!;500!+H'&%)#!+;!4#!&'5?)5!)!500+B5?3#&,!
Y,! .5(%?'\$!(#&F+?&%D%#%#&,!
S,! T#?)#(!(#5&&\$?E#?'!;!
:/,! ._aIOZ:S!MWF%35D%#!+?06!B4#(#!(#GH#&'&!5(#!D#%?'\$!E5)#!+;!4#!(#E+@50!+;!4#!E%?'EHE!
+;!+?#!(#GH%(#E#?'N!

!

I'!&%EF+'5?'!+!?'+'#!'45'!3%(3HE&'5?3#&!35?!5FF06!B4#(#!5?!)%@%)H50!45&!?'!D##?5D&#?'!;(E!
B+(A!4+B#@#(!'4#!3%(3HE&'5?3#&!45@#!&'00!45)!5?!%EF53!+?!'4#%(!5D%6!'!+!F(+)H3#!(#(34!
+H'FH'&,!
<5('!'%E#B+(A%?\$!M(#)H3#!)9=8N!%!'5A#?'!?''+!533+H?'!?'!'4#!3503H05'+?'+;!4#!(#GH%(!+H'FH'&!
&+!%&!?'+'!%&'#!)5D+@#!5&!5?!5FF%35D%#!3%(3HE&'5?3#!4+B#@#(!35?!D#!3+?&%)#(!)!'?!3#('5%?!
3%(3HE&'5?3#&J!+(!#K5EF(#)B#@#4#!90088355595.56842.04reW%.04Wn/C%\$c0.1370.1220.125sBT9.96

!

B,8<(\$%O%' (" *\$//%&" (%/+)&&%+ "%#,/*4"/\$%+@\$,(%*,(*<F /+)1*\$%/

%

!

!#!&!(#3+\$?%&#)! '45'!&'5;;!3%(3HE &'5?3#&! E 56!345?\$#!D# B##?! '4#!3!+&?%) 5'#!;+(!3%(3HE &'5?3#&! '+!D#!&HDE%'#) !+?!1 /!]H?#!7 / : S!5?)! '4#!3#?&H&!) 5'#!+;!1 :!]H!6!7/7/ ,!! U 4#(#!%!'&! '4#!35&#!'45'! &'5;;! 3%(3HE &'5?3#&! 345?\$#! 5;#(! '4#! F(+3#&&! 45&! 3+?3!H) #)! &'5;;! E 56! &HDE%'! 5?! HF) 5'#)! -HFF+(!?'\$! - '5;;! . %(3HE &'5?3#&!

2 ' ' A \ I ; b % 5 % Z % - AB % 5657 % I \$ & , 1 , + , " 1 / %

9 \$ (F %	I \$ & , 1 , + , " 1 %
------------	------------------------

2 ' 'A \ I ;b%R%Z%AS+() *+%&(" F%+@\$% - AB%5657%P5670Q%Y<,#) 1 *\$% " 1%E<NF, //, " 1 /%Z%Y4" //)(H% " &%T<+3<+/%

W&!+H'Q?#)!%?!'4#!>?%#@#(&%6! " 89

!
!
!
!

!%-!@)3+\$(% <O9! HF0+5)! +;! 345F'#! 5?)! W3'H50!
,1%N" "K% F5\$#M&N! +;! '4#! D++A! '45! D#5(!
'4#! '%0#J! FHD0&4#(J! #)%'+(! 5?)!
FHD0:35'%+?!)5'#!

e" <(1)4%)(+,*4\$/%

I%-e" <(1)4% -HDE%!!B%4!O_IL!" 89!#5E!'!+!
) (+,*4\$%

J-

!
!
!
!
!

'%-% I\$.,*\$/% <O9!HF(+5)!+;!

<4+'+\$ (5F4%3!@%&H5!(#3+(!

!
!
!

;~"\$(F)1*\$! <O9!HF(+5)!+;!	"#F(#&#?'5'+?!+;! '4#! W!C!@#!+!(#3+()#)!F#(+E5?3#!MD6!#!
F4+'+\$ (5F4%3X!@%&H50!	+H'FH'!M#,\$,! (#3+())%?\$!
(#3+()!+;!+H'FH'J!+(!	+(!F4+'+\$ (5F4%3X!@%&H50!
)#5%&!+;!4+B!%'!35?!D#!	(#3+()N!5?)!#@%)#?3#!+;!
;##0!533#&&#)!M#,\$,!	6#5(!+;!)%&&#E%?5'+?!
>"bJ!O_!N!5?)!#@%)#?3#!	M!F5F#!(5?)X+(!OaOX.OX!
+;!6#5(!+;!)%&&#E%?5'+?!	>-RN!

!



O;\$'5!5('#;53'&!

Y%-E"&+?)(\$% <O9!HF0+5)!+;!B(%'#?!)

!
!
!

d%-% l,8,+)% O#'5%&!+;!4+B!'!35?!D#! 8%'4#(! 5! 3+F6! +;! '4#! " #(34!+H'FH'&!F(#&#?'#)%?)%\$%'&#)!5?)X+(!5H)%+Z@%&H50!+(E5',!4%&!E56!'5A#!'4#!+(E!
.,/<)%F\$#,% ;(##06! 533#&&#)! M#,\$,! FHD0&4#)! OaOJ! .O! +(! +;! E+@%?\$!%E5\$#J!&+?%3J!@%&H50!+(!+'4#(!)%\$%'50!E#)%5!+(!B(''#?!'#K'J!+(!5!3+ED%?5'%+?!+;!
> "bj!O_IN!5?)#0%)#?3#! +'4#(! @%&H50! +H'FH'! +(! '4#&#J!5&!5FF(+F(%5'#J!'!+#?5D0#!'4#!F5?#0!'!+!533#&&! '4#!(#(34!)%E#?&#?&!5?)X+(!'4#!
+;!6#5(!+;!)%&&#E%?5'%+?! ;+(! +H'FH'&! '45'! B#(#! researcher's!3+?'(DH"%+?!+'!4#!+H'FH'!5?)!
D(+5)35&'J! 5!)%\$%'50! +(!
'4#(!@%&H50!3+F6!+;! '4#!
3+?'#?'!5?)!#0%)#?3#!+;!
6#5(!+;!)%&&#E%?5'%+?!

_'4#(!

0%-% <O9!HF(+5)!+;!+H'FH'!+(! =4#!53'H5!+H'FH'!MF5F#(!
9()1/4)+, " 1%)#&3(%F'+?!+;! '4#!+H'FH'J! +(!> - RN!
+(!) #'5%&!+;! 4+B!#!'35?!
D#!; (##06!533#&&#) M#,\$,!
> " b!O_!N!

7_% -AB%5657%E+)+\$8H%Y("<3%

V\$FN\$(/@,3%

233",1+\$#%NH%+@\$' (,1*,3)4%

O#FH'6!<(3%F5J!M . +?@#?#(N!
>?%#(&% '6! " 89!7/7 :!W35)#E%3!b#5)!
V#ED#(!+;!4#!>?%#(&% '6! . +H('!

233",1+\$#%NH%+@\$ I \$3<+H% ' (,1*,3)4%

I \$)1/% "&%E*@" " 4%

O#5?J!Q#5'4! -3%#?3#&!
O#5?J!W('&! -+3%5' -3%#?3#&!5?)!V5?5\$#E#?!

-AB%5657%J1,+% "&% 2//\$//F\$1+%PJ"2Q%J\$)#/%

>+W!1!b#5)!Z!WCC%#)!Q#5'4!<(+#&%+?&J!O#?'%&'(6J! *H(&!?\$!5?)!<45(E536!
>+W!7c!b#5)!Z!

5?)!+@#(&##?!D6!4#! " 89!7/7:!8GH5%6!5?)!I?30H&!+?!M . +)#!+;!<(53%3#N!T(+HF!+?L!

- ! =4#!5!(!5?)!(5?&F5(#?'!%)#?'%;%35%+?!+;!&'5; ;!B%'4!-%\$?%;%35?'!" #&F+?&%D%6!+(!" #(34,!)

- ! O#'#(E%?%\$!B4+!&!5?!I?)#F#?)#?'!" #(34#(!)

- ! W?)!4#!%+?!+;!+H'FH'& ,!

- ! U+(A%?!533+()5?3#!B%'4!4#!" 89!7/7:!. +)#!+;!<(53%3#!+!D#!F(+53%#@#%?5)4#(%?\$!+!D(+5)#(!%?&'H%+?5!F+%3%#&!5?)!&'(5'#\$%#&!45'!&HFF+(!'!GH5%6!5?)!)%#@#(&%6,!)

- ! <(+@%)#!(#F+('&'+'4#!

5_% -AB%5657%AG<)4,+H%)1#%;1*4</,"1%P! "#\$%"&'()*+,*\$Q%Y("<3%

V\$FN\$(/@,3%

>?%#@(&'6! " 89!7/7:!W35)#E%3!b#5)!! . +?@#?#(N!

O#5?!+;! -34++!+;!Q#5'4! -3%#?3#&h!

O#5?!+;! -34++!+;!W('&J! -+3%5! -3%#?3#&J!5?)!V5?5\$#E#?'h!

W3'?\$!Q#5)!+;!Q " !5?)!E#ED#(!+;!4#!8GH5%'6!5?)!O%#@(&'6! . +E E%'##h!

Q#5)!+;! "#(34!5?)!P?+B!#)\$#!8K345?\$#!O#@#!+FE#?!>'!M " P8O>N!5?)!E#ED#(!+;!4#!

8GH5%'6!5?)!O%#@(&'6! . +E E%'##,!! -#3(#'5(6Nh!

" 89!7/7:!(+!#3!_ ;%3#(!!V%?H'#! -#3(#'5(6N!

>?%+?! "#F(#&#?'5'@#!

: _% - AB%5657%E+) &&% !, (* < F / +) 1 * \$ / % ') 1 \$ 4%

V \$ F N \$ (/ @ , 3 %

O # 5 ? & !

Q # 5) ! + ; ! Q " ! M . 4 5 % (N h !

- # ? % + (! Q " ! < 5 (' ? # (! M - # 3 (# ' 5 (6 N !

> ? % @ # (& % ' 6 ! " 8 9 ! 7 / 7 : ! W 3 5) # E % 3 ! b # 5) !

h V # E D # (! + ; ! ' 4 # ! 8 G H 5 % ' 6 ! 5 ?) ! O % @ # (& % ' 6 ! . + E E % ' ' # # !

!

7 _ 9 \$ (F / % " & % - \$ & \$ (\$ 1 * \$ %

- O # @ # % + F ! 5 ?) ! % E F # E # ? ! F (+ 3 #) H (# & ! ; + (! ' 5 A % ? \$! % ? ' + ! 5 3 3 + H ? ' ! & ' 5 ; ; ! B 4 + & # ! 3 % (3 H E & ' 5 ? 3 # & ! 4 5 @ # ! 5 ; ; # 3 ' #) ! ' 4 # % (! 5 D % % ' 6 ! ' + (# & # 5 (3 4 ! F (+) H 3 ' % @ # 6 ! ' 4 (+ H \$ 4 + H ' ! ' 4 # ! F # (% +) ! % ? ! (# 5 ' + ? ' ! + ! ' 4 # ! U o A ' s ' + ' 5 ! + H ' F H ' ! (# G H % (# E # ? ' , !
- O # @ # % + F ! 5 ?) ! % E F # E # ? ! F (+ 3 #) H (# & ! ; + (! ' 5 A % ? \$! % ? ' + ! 5 3 3 + H ? ' ! ' 4 # ! # ; ; # 3 ' ! 5 ?) ! (5 ? \$ # ! + ; ! 3 % (3 H E & ' 5 ? 3 # & ! 4 5 ! 4 5 @ # ! 4 5) ! 5 ? ! # K 3 # F % + ? 5 ! # ; ; # 3 ' ! + ? ' ! 4 # ! 5 D % % ' 6 ! + ; !

!

:_%-\$*(#%]\$3,18%'("*\$#<(\$%

W00!V%?H'#&!;(E!E##'?\$&!B%00!D#!'(#5'#)!5&!3+?;%#?'%50!5?)!C+\$\$#!)3#?'(5006!H&#?&'5?)5(!
%?&'%H'+?50!;(E&J!B%'4!"P8O>,!=4#!"89!7/7:!<(+\#3!_!%;3#(J!D5&#)!%?!"P8O>!B%00!53!5&!
V%?H'#!-#3(#'5(6!'+'!4#!T(+HF,!=4#!Q#5)!+;! "P8O>!B%00!D#!'4#!-#3(#'5(6!'+'!4#!T(+HF,!

X_%B,+%? ,+@,1%?,\$\$(%;1/+,+<+, "1)4%V)1)8\$F\$1+%E+(<*+<(\$%

=4#!B+(A!+;!4#!T(+HF!B%00!;##)!;+(E5006!%?'+'!4#!>?%#@#(&'6! . +E E %'##! - '(H3'H(#!5&!+H'0%?#)!%?!
I,)8()F%2_%

=_% I \$+),4/%"&%9(),1,18%' (".,#\$#%

All Group members will participate in the University'&! "89!7/7:!8GH50%6!5?)!O#@#(&'6!=(5%?%?\$!
<(+\$(5E E #,!

=_7_%9,F\$/*)4\$%

=4#!B+(A!+;!4#!<5?#0!B%00!3+E E #?3#!;(E!:_3'+D#(!7/:Y!'!+!1:!O#3#E D#(!7/7/,!

=5_%!"1+\$1+%9),4"(\$#%+"%-AB%5657%

8GH50%6!5?)!O#@#(&'6!'(5%?%?\$!B%00!D#!3+?'#K'H50%&#)!;+(!"89!7/7:!FH(F+&#&,!

L_%2#.,/"(H%("I\$*,/,"1%V)K,18%-"4\$%

=4#!<5?#0!B%00!45@#!5?!W)@%&+(6!5?)!O#3%&+?!V5A%?\$!(+0#,!

L_% - AB%5657%J1,+%"&%2//\$/F\$1+%PJ"2Q%U\$)#%

7_%9\$(F /%"&%-\$&\$(\$1*\$%

U+(A%?\$!B%4%?!'4#!F5(5E#'#(&!+;'4#!"89!7/7:!.+)#!+;!<(53%3#!?!(#05%+?!'+!>+W!0#@#!&HDE%&&%+?!&'(5#\$6J!�#3%+?!+;!+H'FH'&J!#?@%(+?E#?'!5?)!%EF53'!

- ! "#3#%#@#!5!0%&'!+;! "89!7/7:!. -HDE%'5D!#!&'5;;!(+E!'4#!(#0#@5?!"89!7/7:!. -'5;;!<5?#0,!
- ! <(+@%)#0#5)#(&4%F!5?)!@%&%+?J!#?&H(%?\$!'45!'!534!>+W!E5A#&'!4#!&'(+?\$#&'!"89!7/7:!.&HDZ!E%&&%+?!F+&&!D!#,!
- ! =5A#!+B?#(&4%F!5?)!(&F+?&D%0%'6J!%?)%0%)H5006!5?)!\%?%'06!B%4!0#5)&!;(+E!'!+4#!(!>+W&J!;+(!5!&F#3%;!3!>+W!5?)!'!&'!#05'#)!>+W&,!
- ! _F%'E%&#!'4#!>+W&HDE%&&%+?!5?)!'45!'!+;!#05'#)!>+W&!D6!B+(A%?\$!'!+!E%'%\$5'#!B#5A?#&&#&!5?)!'!+!4!\$4%\$4!'&'(#?\$'4&!53(+&&!500!5&F#3'&!+;'!4#!&HDE%'&&%+?!,!
- ! 8?&H(#!'45!'!+H'FH'&H?)#(\$+!(%\$+(+H&!#0%#BJ!%?'#(?5006!5?)J!%?!'#)!35&#&J!#K'#(?5006!%?!+!)#(!'+!5&#&&!GH5%0!6!F(%+(!'+!%?3CH&%+?!+;+(!"89!7/7:!.!,!
- ! U%'4%?!'4#!>+

X_I \$+),4/%"8%9(),1,18%' (" .,\$\$#%

REF 2021 Leads will participate in the University's REF 2021 Equality and Diversity Training
<(+\$(5EE #,!

X7_9, F\$/ *)4\$%

=4#B+(A!+;! 4#! " 89!7/7: !>+W!b#5)!B%00!3+E E #?3#!;(+E!: !_3'+D#(!7/ :Y!' +!1 :!O#3#ED#(!

W_%J1,.\$(/,+H%-AB%5657%2*)#\$F,*%U\$)#%

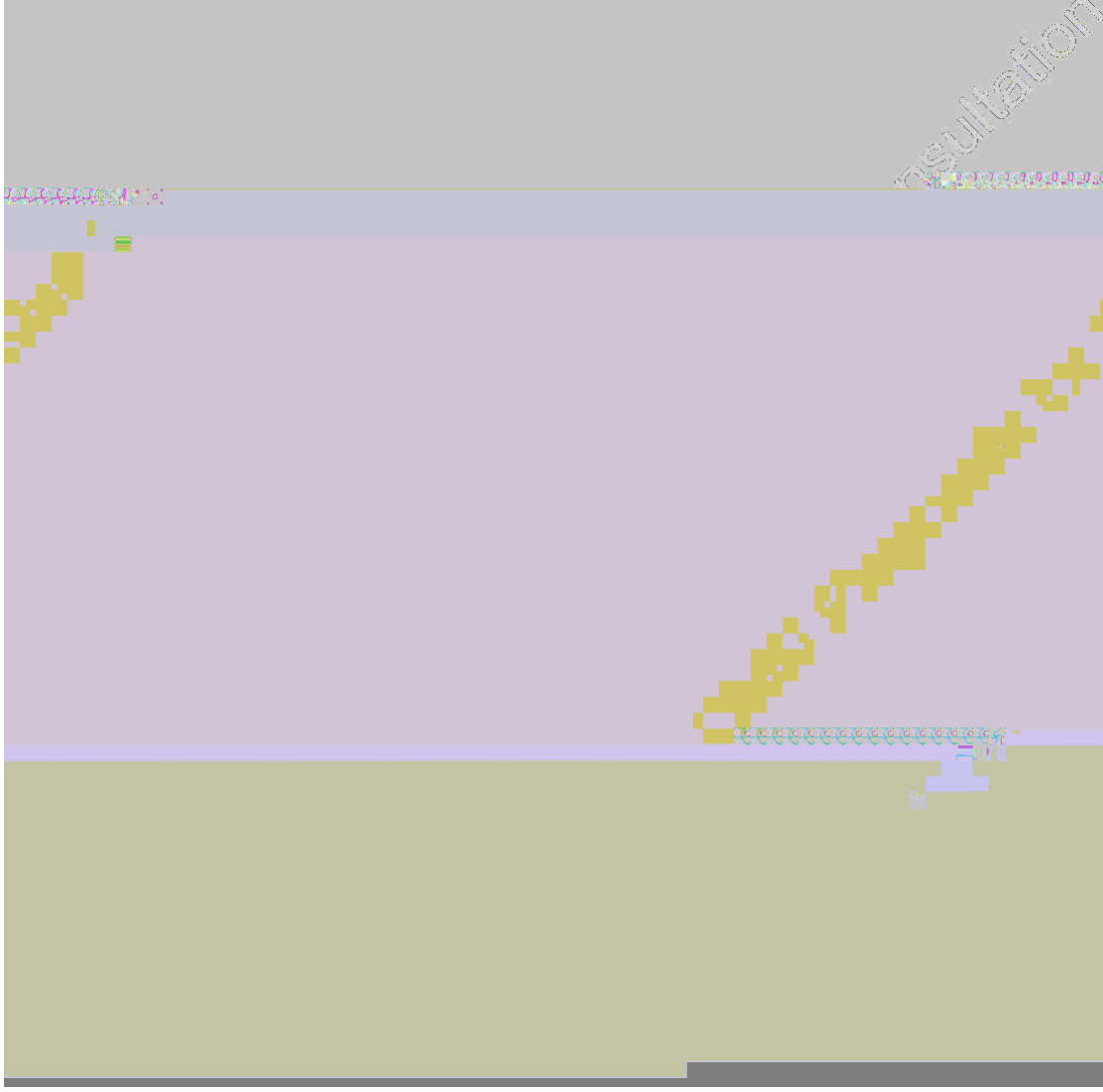
7_%9\$(F/%"&%-\$&\$(\$1*\$%)

- ! <(+@%)#!&'(5'#\$%3!)%(#3'%+?!%?!'4#!)#@#C+FE#?!+;!+H(!&HDE%&&+?!'+!" 89!7/7:;!)
- ! -HFF+(!5?)!(#F(#&#?'!'4#!>+W!b#5)&I%?!'4#!)#@#C+FE#?!+;! " 89!7/7:;!-'(5'#\$%6!53(+&&!+H'FH'&J!%EF53'!5?)!#?@%(+?E#?!,!
- ! W3!5&'!4#!. +?@#?+(!+;! '4#! " 89!7/7:;!8GH5C%'6!5?)!?!3CH&+?!M. +)#!+;!<(53'%3#N!T(+HF,!
- ! O#FH'%&#;!+(!'4#!O#FH'6!<(%?3!F5C!5?)!(#F(#&#?'!'4#!>?%#@#(&'6!5'!#@#?'&!5?)!+;(HE&I%?!(#!5Z!'%+?'!'+" 89!7/7:;!)
- !

2 ' ' A \ I ; b % X % Z % - AB % 5657 % Ad J 2 U ; 9 ` % 2 \ I % I ; 0 A - E ; 9 ` % 9 - 2 ; \ ; \ Y % ' U 2 \ %

Y (" < 3 % \) F \$ %	- \$ / 3 " 1 / , N 4 \$ % B " (%	9 () , 1 , 1 8 % - \$ G < , (\$ F \$ 1 + / %	U \$. \$ 4 % " & % J 1 # \$ (Z % / +) 1 # , 1 8 %	V " # \$ % " & % I \$, . \$ (H %	9 , F , 1 8 %
8K#3H"@#! R+5(!	WFF(+@5!+;! ;%?5!&HDE%&&+?! '+! " 89J!5) @%&#! +?!!&&H#&! (#05"%? \$!'+!Q " ! 5?) !; %?5?3#!	•!b#\$5!3+?'#K'!+;! " 89! •!8GH5% "%&!W3'!5?) !+@#(@%#B!+;!F(+ '#3'#) !345(53' #(%&'%3&! •!O#5%?\$!B%'4!&'5; ;!3!(3HE &'5?3#&! •!8GH5% '6!IEF53'!W&&#&&E#?'!_@#(@%#B! •!-!\$?%;%35?'!(#&F+?&D%'6! ;+!(#(34!5?) !!?) #F#?) #?3#! •!>?3+?&3!+H&!R!5&!	_@#(@%#B!	8Z!#5(???\$! M(#GH%(#)N! 953#!'+!;53#! M+F'%+?5CN!	953#!'+!953#! * +@! i ! O#3!7 / : Y! % 8Z!#5(???\$! -HEE#(! 7 / : S!
" 89!7/7:! - '(5'\$6!T(+HF!	IEF#E#?'5'%+?! +;! '4#! . +) #!+;! <(53'3#!	•!b#\$5!3+?'#K'!+;! " 89! •!8GH5% "%&!W3'!5?) !+@#(@%#B!+;!F(+ '#3'#) !345(53' #(%&'%3&! •!O#5%?\$!B%'4! - '5; ;! . % (3HE &'5?3#&! •!8GH5% '6!IEF53'!W&&#&&E#?'! •!8 i O!?!(#(34!#?@% (+?E#?'!5?) !%EF53'! •!-!\$?%;%35?'!(#&F+?&D%'6! ;+!(#(34!5?) !	_@#(@%#B!	8Z!#5(???\$! M(#GH%(#)N! 953#!'+!;53#! M+F'%+?5CN!	953#!'+!953#! * +@! i ! O#3!7 / : Y! % 8Z!#5(???\$! -HEE#(! 7 / : S!

7% ;1+("##<*+,"1%
% =4%&!





X_5_! "1/<4+),"1



!

2' 'A\ I;b%L%

2 ' ' A \ I ; b % W % Z % - \$ / \$) (* @ % B \$ 4 " ? / @ , 3 / %

%

: , ! = 5 D # ! : ! F (+ @ %) # & ! 5 ! 0 % & ' ! + ; ! 3 + E F # ' % ' % @ # ! (# & # 5 (3 4 ! ; # 0 0 + B & 4 % F & J ! F (# & # ? ' #) ! % ? ! 5 0 F 4 5 D # ' % 3 5 0 ! + () # (! D 6 ! ; H ?) # (J ! ' 4 5 ' ! 4 5 @ # ! D # # ? ! 3 + ? ; % (E #) ! D 6 ! ' 4 # ! ; H ?) # (! ' + ! (# G H % (# ! (# & # 5 (3 4 ! % ?) # F # ?) # ? 3 # , = 4 % & ! 0 % & ' ! % & ! % ? ' # ?) # ! ' + ! \$ H %) # ! % ? & ' % ' H % + ? & ! B 4 # ? !) # @ # 0 + F % ? \$! ' 4 # % (! 3 (' # (% 5 ! ' + ! %) # ? ' % ; 6 ! % ?) # F # ?) # ? ' ! (# & # 5 (3 4 # (& , ! ; + % / @ " < 4 # % 1 " + % N \$ % +) K \$ 1 % + " % N \$ % S \$ @) < / + , . \$ % 5 ?) ! ' 4 # ! ; H ?) % ? \$! D +) % # & ! (# 3 + \$? % & # ! ' 4 5 ' ! E 5 ? 6 ! (# 0 # @ 5 ? ' ! ; # 0 0 + B & 4 % F ! & 3 4 # E # & ! 5 (# ! ? + ' ! 3 5 F ' H (#) J ! % ? 3 0 H) % ? \$! (# & # 5

8 < - " . !	8 < - " . ! < + & ') + 3 ' + (5 0 ! 9 # 0 0 + B & 4 % F h : !
!	!
8 - " . !	8 - " . ! 9 H ' H (# ! . % ' # & ! . 5 ' 5 F H C ' ! 9 # 0 0 + B & 4 % F !
8 - " . !	8 - " . ! 9 H ' H (# ! b # 5) # (& ! T (5 ? ' !
8 - " . !	8 - " . ! X = H (% ? \$! 9 # 0 0 + B & 4 % F & !
8 - " . ! X > " P I !	8 5 (0 6 ! . 5 (# # (! " # & # 5 (3 4 # (! I ? ? + @ 5 ' % + ? ! 9 # 0 0 + B & 4 % F & !
!	!
8 H (+ F # 5 ? ! " # & # 5 (3 4 ! . + H ? 3 % 0 !	8 " . ! W) @ 5 ? 3 #) ! T (5 ? ' & !
8 H (+ F # 5 ? ! " # & # 5 (3 4 ! . + H ? 3 % 0 !	8 " . ! . + ? & + C %) 5 ' + (! T (5 ? ' & !
8 H (+ F # 5 ? ! " # & # 5 (3 4 ! . + H ? 3 % 0 !	8 " . ! - ' 5 (' % ? \$! T (5 ? ' & !
!	!
Q # 5 0 ' 4 ! 8) H 3 5 % + ? ! 8 ? \$ (5 ?) !	I ? ' # \$ (5 ' #) ! . C % ? % 3 5 0 ! W 3 5) # E % 3 ! < (+ \$ (5 E E # ! . C % ? % 3 5 0 ! b # 3 ' H (# & 4 % F h !
Q # 5 0 ' 4 ! 8) H 3 5 % + ? ! 8 ? \$ (5 ?) !	I ? ' # \$ (5 ' #) ! . C % ? % 3 5 0 ! W 3 5) # E % 3 ! < (+ \$ (5 E E # ! - # ? % + (! . C % ? % 3 5 0 ! b # 3 ' H (# & 4 % F !
!	!
b # @ # (4 H C E # ! = (H & ' !	8 5 (0 6 ! . 5 (# # (! 9 # 0 0 + B & 4 % F !

!	!
>P " I!	>P " I!9H'H(#!b#5) #(&!9#00+B&4%F&!
>P " I!	>P " I!I??+@5%+?!9#00+B&4%F&!
!	!

2 ' ' A \ I ; b % 0 % ; 1 / + , + < + , " 1) 4 % E +) + \$ F \$ 1 + % " 1 % + @ \$ J / \$ % " & % V \$ + (, * / % , 1 % - \$ / \$) (* @ % 2 // \$ // F \$ 1 + %
%
7 _ % ; 1 + (" # < * + , " 1 %

d V > ! B % 0 0 ! 5 F F C 6 ! ; 5 % (! 5 ?) ! ' (5 ? & F 5 (# ? ! E # 3 4 5 ? % & E & % ! ? ! (# & # 5 (3 4 ! 5 & & # & & E # ? ! 5 ?) ! 4 # ! F (% ? 3 % F C # & % ! ? ! 4 % & !
& ' 5 ' # E # ? ! B % 0 0 ! H ?) # (F % ? ! ' 4 # ! % ? & % " H " % + ? 5 C ! 7 / : 2 -

=4#! b#%) #?! V5?%;#&'! D(%?\$&! '\$#'4#(! 533#F'#)! DH'!)%&F5(5'#! F(%?3%F%#&! +;! \$++)! F(53%3#! %?!
research evaluation. The manifesto represents the “distillation of best practice in metrics2D5&#)!
(#(34!5&&#&&E #?'!&+'!45'!(#(34#(&!35?!4+!)!#@5%5'+(&'!+!533+H?'!5?)!

- ! V5?6!3%'5'+?!'+&!5?)!GH5?'%'5'@#!%?)%35'+(&!5(#!?'4#(#?'06!&A#B#)!'+!8?%&4!05?\$H5\$#!
+H'FH'&,!d V>!@5!H#&!4#!%?'#(?5%'?50!)%E#?&#?+?!+;!EH34!+;!%'&!(#(34!5?)!#?3+H(5\$#&!
FHD%35'+?!%?!'4#!5FF(+F(%5'!05?\$H5\$#!+;!4#!(#(34!H&#(,!
- ! "#3+\$?%&!5(#5&!+;!F+'#?'%50!D%5!5?)!5'E!'!+!5))(#&!4#E!&H34!5!3+?&%)#(5%'!+?!5FF%#&!
'+'4#!E+&!B%)#06!H&#)!3%'5'+?!)5'5D5&#&!5?)!'4#!(150\$?E#?'!B%'4!d V>!)%&3!F%?&#!5?)!
+H'FH'!'6F#&!5?)!\$#?)#(D%5&!%?!3%'5'+?!F(53%'3#&,!

X_R_%('"*\$//\$/%/@"<4#%N\$%"3\$1%)1#%+(1/3)(\$1+%&)

- ! _F#?06!)#3!5(#!B4#?!GH5?'%'5'@#!%?)%35'+(&!5(#!H&#)!5?)!F(+E+'#!(#(34#(!5B5(#?#&&J!
H?)#(&'5?)%?\$!5?)!&3(H%'?6!+;!5&&#&&E#?'!E#'+)+0+\$%#&J!#?&H(%?\$!'45'!F(+3#&&#&!5(#!
'(5?&F5(#?'!5?)!)+3HE#?'#),!
- ! W%E!+;!5!D505?3#!D#B##?!&E F0%3!'6!5?)!533H(536!%?!'4#!H&#!+;!GH5?'%'5'@#!%?)%35'+(&,!
- ! 8?&H(#!(#(34!5&&#&&E#?'!#KF#3'5'+?&!5(#!'(5?&F5(#?'!J!;5%(15?)!3+?&#&#?'!D6!&#''%?\$!
#KF#3'5'+?&#!5?)@5?3#!'4(+H\$4!'4#!d V>!<8 " !F(+3#&&,!
- ! 8?3+H(5\$#!(#(34#(!'+!H?)#(&'5?)!5?)!34500#?\$#!'4#!%?)%35'+(&!H&#)!%?!(#05'+?!'+!'4#!(!
+H'FH'&,!
- ! "+00!+H'!?'#B!F(+3#&&#&#!%?!7/7/X7:!'!+!#?&H(#!'45'!500!(#(34#(!5(#!(#&\$'&#(#)!+;!5?!_ " Z!
. IO!IO!'!+!#?&H(#!3+?&#!%?'#?!J!(#0%5D0#!5''(%DH%'!+?!+;!B+(A,!

X_:_%V,/34)*\$#%*"1*(\$+\$1\$//%)1#%&4/\$3(\$*,/,"1%/@"<4#%N\$%)".,#\$#%

- ! >&#E#'(3&!+?06!B4#(#!'4#%(!&'(#?'\$4J!B#5A?#&&#&!5?)!0%E%'5'+?&!5(#!H?)#(&'++)!5?)!
B4#(#!F053?%\$!H?)H#!&!\$%%;%35?3#!+?!GH5?'%'5'@#!%?);#(#?3#&!3+H0)!D#!5@+%)#),!
- ! I?30H)!#35@#5'&!(#&F+?&D06!%?!(#(34!5&&#&&E#?'!)5'5!5?)!#F+('&,!
- ! >?)#('5A#!(#\$H05(!#5&&#&&E#?'!+;!5?6!%?)%35'+(&!H&#),!

X_X%9@\$%/H/+\$F,%\$&&\$*+/%"&%)//\$/F\$1+%1#%,1#,*)+"/%/@"<4#%N\$%(\$*"81,/)\$#%

•!

=_5%

!
!
!
!
!

- % T<+3<+/%PV,1,F<F%"&%7%-%V)S,F<F%X%&"(%-AB%5657Q%;&%)##,+, "1)4%"<+3<+/%)(\$% .),4)N4\$%+@)+%H"<%? "<4#%4,K\$%+"%3<+%&"(?)(#%&"(%G<)4,+H%(\$.,\$?M%+@\$/\$% *)1%N\$)##\$#%)+%+@\$%\$1#%"&%+@,/%B"(F_%
- ! -AB%5657%')1\$4%E3\$*,&,*%Y<,#)1*\$%?,44%N\$%,//<\$#%+"%/%<33"(%+@%\$*" F34\$+,"1%"&%+@,/%B"(F_%
- ! E\$4&ZA.)4<)+,"1%-%'4\$)/\$%)//,81%)%G<)4,+H%()+,18%&("F%7h+"%: h%P%5h%,/%+@\$%F,1,F<F%G<)4,+H%()+,18%& "(% - AB%5657Q%</,18%+@\$%&"44"? ,18%
T<+3<+/%/<NZ

T<+3<+%J - ;%&(" F %\$ - \$/\$(* @% - \$3 "(+%	!				
2<+@ "(%E\$48%A.)4<)+, "1%d<)4,+H%-)+,18%-%'4\$)/\$%+, * K%)33("3(,)+\$%N"S_%	: h%	Rh%	5h%	7h%	J1 *4) // , & , \$ # %
Q78D789=\$A89J9,\$=%J3<%=3714\$%O\$9#289A## "A=%<\$>\$< : \$B% !4\$ ">\$% D<3 : 9=\$%< "893A "4\$%R . // % O3<=>% @ "6S%	!				
PAJ3< @ "893A% " / 378%82\$<\$>\$ "<12%D<31\$>>% "A=T3<%13A8\$A8%O2\$<\$% 829>%9>%A38%\$: 9=\$A8%J<3@%82\$%378D78%98>\$4B%R ' // % O3<=>% @ "6SB%	!				
U3\$>%82\$%378D78%9A147=\$%>9#A9J91 "A8% @ "8\$<9 "4%D7149>2\$=%D<93<%83% . % V "A7"<H%& / . (W% O8 "8\$ @ \$A8% 3A% 23O%J "<%82\$% O3<X% O ">%<\$: 9>\$=%83% 9A13<D3< "8\$%A\$O% @ "8\$<9 "4B%R . // % O3<=>% @ "6S%	!				

T<+3<+%5%

T<+3<+R%

'\$1#,18%'<N4,*), "1%MEH&!D#!?!'4#!FHD%3!)+E5%?ID6!1:!
O#3#ED#(!7/7/!#@%)#?3#!!,#,!b#'#!(!:(+E!'4#!<HD%&4#!(!#GH%5%#?#!
B%CCID#!(#GH!(#)N!

T3\$1%2**\$//%!"F34,)1+%-`\$/%
"(%\"%

`\$/%

!

`\$/%

!

! ! !

Q78D78%9=\$A88J0\$=J3%=-3714\$0\$#289A#% "A=%<\$>\$<: \$B% !4\$">\$%D<3:9=\$! <"893A"4\$%R. // %O3<=>% @ "6S%	
PAJ3<@ "893A%" / 378%82\$<\$>\$ "<12%D<31\$>>% "A=T3<%13A8\$A8% O2\$<\$%! 829>%9>%A38%\$:9=\$A8%J<3@%82\$%378D78%98>\$AJB%R ' // %O3<=>% @ "6SB%	
U3\$>%82\$%378D78%9A147=\$>9#A9J01 "A8%@"8\$<9 "4%D7149>2\$=%D<93<83%. %! V"A7"<H%&/. (W% 08 "8\$@ \$A8%3A%230%J "<%82\$%O3<X%O ">%<\$:9>\$=%83% 9A13<D3< "8\$%A\$O% @ "8\$<9 "4B%R. // %O3<=>% @ "6S%	

T<+3<+%X%



2 ' ' A \ I ; b % 77 % - BT - V % 5 % Z % - AB % 5657 % T < + 3 < + % d <) 4 , + H % -) + , 18 % - J " 2 % U \$) # % Z % A .) 4 <) + , " 1 % " & % T < + 3 < + / %

%

J " 2 %	!
J " 2 % U \$) # %	!
I) + \$ [%	!

U
N
U
N
U
N

2' 'A\ I;b%7:%

%
%
%

<+C%36!;+(!+F#?!533#&&!%?!
" #(34!8K3#00#?3#!
9(5E#B+(A

2**\$///%(\$G<,\$F\$1+/%

70,! =4#!+H'FH'!EH&!D#F(#&#?'#)!!?I5!;(E!'45'!500+B&I5?6+?#B'4!?'#(?#!533#&&!'+!
(34!#0#3'(+?%35006!B%'4%?'!4#!'#K'J!(#5)!%!'5?)!)+B?C+5)!%!'B'4+H'!345(\$#!B40#!
(#&F#3!%?\$!5?6!3+?&'(5%?'&!+?!'%E%?\$!M5&!)#%'50#)!%?'!F5(5\$5F4&!7S!'!+!12N!⁰!U40#B#!)+!
?+!(!GH#&'!45'!+H'FH'&!5(#!E5)!#I5@5%5D0#H?)#(I5?6!F5('3H05(!03#?3#J!B#!5)@%&#!'45'!
+H'FH'&03#?&#)H?)#(I5!. (#5'%0#!. +E E+?&W'(%DH'%+?!*+?Z. +E E#(3!50!*+?ZO#(%@5'%0#!
M. .!Rgz* .Z*ON!03#?3#B+H0)!E##!'4%!(#GH%(#E#?',!

7Y,! _?3#!533#&&!D0#J!4#!+H'FH'!&4+H0)!(#E5%?!&+,!

7S,! =4#!(#GH%(!)'%E%?\$!+;!3+E F%5?3#B'4!'4#!533#&&!(#GH%(#E#?'&!)#F#?)&!+?!
B4#4#(I5?!#E D5(\$+!%&!&F#3%;#),!=B+!(+H'#&!5(#!\$0#?D#0+B,!

" +H'#!:!!9+(!+H'FH'&!)#F+&%#)B'4!?!#E D5(\$+!

1/,! =4#!+H'FH'!EH&!E##!'4#!533#&&!(#GH%(#E#?'&!5&!&++?I5&!F+&&!D0#I5?)!?!05'#!
'45?!+?#E+?'4!5;#(!)#F+&%',!

" +H'#!7!9+(!+H'FH'&!)#F+&%#)H?)#(!#E D5(\$+!

1:;! =4#!+H'FH'!EH&!E##!'4#!533#&&!(#GH%(#E#?'&!5&!&++?I5&!F+&&!D0#I5?)!?!05'#!
'45?!+?#E+?'4!5;#(!'4#!#?)!+;!4#!#E D5(\$+!F#(%+),!=4#!#E D5(\$+!F#(%+)'!6F%35006!D#\$%?&!
5!'4#!F+%'!+;!%;(!'FHD0%35%+?!M%?30H)%'\$!+?0%?#FHD0%35%+?N,!

17,! 8E D5(\$+!F#(%+)&!&4+H0)!?+!'#K3##)!4#!+;+0+B%?\$!E5K%E5!

9\$*@1,*)4%\$\$S*\$3+, " 1 /%

^/,! =4#!;+00+B%?\$!#K3#F%+?&!)#50!B%'4!35&#&!B4#(#!5?!+H'FH'!&!H?5D0#!' +!E ##!'4#!
3(%#(%5!)H#!' +!5!'#34?%350%&&H#,!!?'4#!;+00+B%?\$!35&#&J!4#!+H'FH'!B%00!?' +!D#!(#GH(#)! +!
E ##!'4#!+F#?!533#&&!3(%#(%5,! U #!B+H0)!&'(+?\$06!H(\$#!Q8!&' +!#?&H(#!'4#!3(%#(%5!5(#!
E #!'(#'(+53%0#06J!5&!&+? !5&!F+&&!D0#!5?)!?' +!05'#(!'45?!'4#! " 89!7/7 : !&HDE %&&+? !F+!?' ,!

5,! W!'4#!F+!?'!+;!533#F'5?3#J!4#%?)%0%) H50!B4+&#!+H'FH'!&!D#? \$!&HDE %' '#)! +!
'4#! " 89!B5&!5'!5!)%;;#(#?'!>P!Q8!B4!34!;500#)! +!3+EF06!B%'4!'4#!3(%#(%5,!)

D,! =4#!(#F+&%'+(6!#KF#(%#?3#)!5!&4+('Z'#(E!+(!'(5?&%#?'!#34?%350!;500H(#!'45!
F(#0#?'#)!3+EF05?3#!B%'4!'4#!3(%#(%5!M'4!&!&4+H0)!?' +!5FF06!' +!

211\$\$%2[%9\$\$+ZF,1,18%

:,! =#K'ZE%?%?\$!(#;#(&'!+!5!(5?\$#!+;!53%0%'#&'!'+!%?'#(53!'B!'4!5?)!5?5!6&#!#0#3'(+?%3!
) +3HE#?'&!H&?%!&+;'B5(#,!W!3+E E+?(6!H?)#(&'++)!;+(E!+;'#K'ZE%?%?\$!%&!4#!DHCA!
#0#3'(+?%3!5?5!6&#!+;!5!05(\$#!?HED#(!+;!)+3HE#?'&,!_;'#?J!'4%&!E#5?&!E+@%?\$!D#6+?)!
&%EF0#!(34!GH#(%&!5?)!%?'+'#K!'5?5!6%3&J!&#E5?'%3!(34#&J!F5''#(?!0#5(?%?\$J!
+F%?%+?!E%?%?\$J!3+?3#F'!#K'(53%+?J!5?)!+'4#(!'6F#&!+;#!#0#3'(+?%3!H&5\$#,!)

7,! =#K'ZE%?%?\$!%&!5!(5F%)06!#@+00%?\$!F(53%3#,!!'!%&!?'+'!6#!'!F+&&D0#!'+!F(#)%3!'!%&!;H00!
F+'#?'%50[!E5?6!+;'!4#!'34?+0+\$%#&'!45'!#?5D0#!'#K'Z

2 ' A \ I ;b7XZ%BT - V%X%Z% - AB%5657%233\$)4/%B" (F %

%

'4\$)/\$%\$1/<(\$%+@)+%3(,"(%+"%\$1+\$(,18%,1+"%+@\$ - AB%5657%233\$)4/%3(" * \$//%+@)+%H" <%* "1+)*+%
H" <(%>\$)#% " &% I ,.,/, "1%&" (%)1%,1&" (F)4%#, / * < //, "1_%

<C#5&#!5C&+!#?&H(#!'45'!6+H!45@#!(#5)!'4#!!%;+(E5'+?'+?!'4#! " 89!7/7 : !%'(5?#!'!&'#!5D+H!'!4#!
WFF#5C&!F(+3#&&!5?)!)5'#&!+;! " 89!7/7 : !WFF#5C&!<5?#!E##'?\$&,!

\ "+\$/%+ "%@43%H" <%* " F34\$+\$%+@\$%&" (F %

: ,! . +EF C#'#!6+H(!?5E #!MWN!5?)!O%@%&+?!MRN,!

!

7,! I) #?'%;6!'4#!>?'!+;!W&&#&&E#?'!M>+WN!B%'4!B4%34!6+H!'4%?A!6+H(!B+(A!D#&'!;'!M . N, !>?'&+;!
5&&#&&E#?'!)# '5C&!5(#!\$%@#?!+?!'4#! " 89!7/7 : !?'(5?#!'!&'#!,!

!

1,! I) #?'%;6!'4#!T(+H?)&!+(WFF#5C!MON!)# '5C&!+;!B4%34!5(#!5C&+!' +!D#!;+H?)!+?!'4#! " 89!7/7 : !
I?'(5?#!'!&'#!,!

!

^,! V5A#!6+H(!35&#!;+(!'4#!5FF#5C!M8N!M2//!B+!)!E5K%EHEN,!!;!6+H!45@#!5))%' +?5C!#@%)#?3#!'+!
&HFF+('!6+H(!3C5%EJ!'4%&!&4+HC)!D#!&#?'!5C+?\$!B%'4!6+H(!;+(E!D6!'4#!)#5)C%?#!;+(!&HDE%&&+?;! ,!

!

2,! =4#WFF#5C&!9+(E!&4+HC)!D#!&HDE%'#)!'+" 897/7 : WFF#5C& e GEH,53,HA!1!B##A&!F(%+(!'+!
'4#!WFF#5C&!<5?#!E##'?\$,!* +!C5'#!5FF#5C&!B%CC!D#!3+?&%)#(#),!

!

T<+* " F\$%

g+H!B%CC!D#!%?;+(E#)!'?!B(%'?\$!+;! '4#!+H'3+E#!?+!C5'#(!'45?!1!B##A&!5;#(!'4#!E##'?\$!)5'#,!

' <N4, / @, 18%, 1&" (F)+, " 1%) N " <+H " <(3) (+%, 1% " <(/ <NF, //, " 1 %
=4#! (#&HC' &! +; ! '4#! 5&&#&&E #? ! #K#(3!&#! B%CC! D#! FHD%&4#) ! D6! >P " IJ! +?! D#45C; ! +; ! '4#! ;+H(! >P!

!;!6+H!45@#!5?6!3+?3#(?&!5D+H'!6+H(!%?;+(E 5%+?!D#%?\$!H&#)!;+(!' 4#&#!FH(F+&#&!F0#5&#!3+?'53'L!

!

!

O5'5!<(+ '#3'+?!_;;%3#(!

>P! " #(34!5?)!!??+@5'+?!

<+(5(%!Q+H&#!

- B%?) +?J! - * 7!: 9b!

!

!

!

8E5%L!)5'5F(+ '#3'+? e HA(%,+(\$!

!

QMU's Worker Privacy Notice can be viewed at the following link!

I)+)% ! "44\$ *+, "1%E+) +\$ F \$1+%& " (%+@\$% - AB5657%- \ " 1ZE+) &&%

%

2N" <+@+\$% - AB%

=4#!FH(F+&#!+;!4#! " #(34!8K3#0#?3#!9(5E #B+(A!7/7: !M " 897/7: N!%&!'+!5&&#&&!4#!GH50%'6!+;! >P!(#(34!5?)!'!+!%;+(E!4#!�#3'0#!)%&('DH'+?!+;!FHD03!;H?)&!+!(#(34!D6!'4#!+H(!>P! 4%\$4#(!#)H35'+?!;H?)%?\$!D+) %&,! =4#! " 89!+H'3+E #&!5(#!H&#)!'+!3503H05'#!5D+H!m7!D000+?!F#(! year of public funding for universities' research, and affect their international reputations. The

!

>P " ! 5?) ! '4#! +(\$5?%&5'+?&!%&#) ! 5D+@#! B%CC! H&#! '4#! %?;+(E5'+?! ' +! 5?506&#! 5?) ! E+?' +(! '4#!
" 897/7: , ! =4%&! E56! (#&HC'! %? ! %?;+(E5'+?! D#?%\$! (#%5&#!) ! ' +! '4#!(H&#(&! %?3CH)?%\$! 535) #E%3!
(#(34#(&! +(! 3+?&HC'5?'&! M3+E E %&%+?#) ! D6! '4#! ;H?) %?%\$! D+) %&#NJ! ' +! 35((6! +H'! (#(34! +(!
5?5'6&!&J! %? ! 533+) 5?3#! B'4! '4#! O5'5! <(+ '#3'+?! W3'7/ : Y! 5?) ! '4#! T#?#(5! O5'5! <(+ '#3'+?!
" #HC'5'+?! MTO < " N!M " #HC'5'+?! M8 > N! 7/ : cXc0SN, ! U 4#(#! %?;+(E5'+?! ?+! 'F(#@%+H&06! FHD%&4#) !&!
(#%5&#!) ! ' +! '4#!(! F5(%&#J! '4#!&! B%CC! D#! 5?+?6E %&#) ! B4#(#! F(53'%35D%# , !

>P " ! B%CC! (#GH!(#! '45'! 5?6+?#! B4+! 45&! 533#&&! ' +! 6+H(!) ata, held in UKRI's records, paper or
#%3'(+?'3J! B%CC! (#&F#3'! %&! 3+?;%) #?'%5%6'5?) ! B%CC! +?06! F(+3#&&! %! %? ! 533+) 5?3#! B'4! %?&'(H3'+?&!
&&H#) ! ;+(! '4#! FH(F+&#&! &F#3%;#) ! D6! >P " ! , !

<5('&! ;! 6+H(!) 5'5! B%CC! D#! F5&&#!) ! ' +! '4#! " 89! #KF#('! F5?#%&5?) ! '4#! 8GH5%6'5?) ! O%#@#(&'6'W) @%&+(6!
<5?#% ! MB4+&#! E #E D#(&! 5(#! %?) #F#?) #?' ! ;! >P " ! N! ;+(! '4#! FH(F+&#! +! ;! 3+?) H3'%'\$! 5! &6&'#E5'3!
#@5CH5'+?! +! ;! &HDE %&%+?&J! %? ! 533+) 5?3#! B'4! F(#) #'(E%?) ! 3(%'(%5'5?) ! E #'4+) &! W%CC! F5?#%!
E #E D#(&! 5(#! D+H?) ! D6! 3+?;%) #?'%5%6'5((5?%\$E#?'& , !

' <N4, / @, 18%, 1&" (F) +, " 1%) N" <+H" <(%3)(+%, 1% " <(% / <NF, //, " 1%

=4#! (#&HC'&! +; ! '4#! 5&&#&E#?' ! #K#(3%#! B%CC! D#! FHD%&4#) ! D6! >P " ! J! +? ! D#45% ;! +; ! '4#! ;+H(! >P! 4%\$4#(!
#) H35'+?! ;H?) %?%\$! D+) %&#J! ? ! O#3#E D#(! 7/7 : , !

=4+&#! F5('&! +; ! &HDE %&%+?&! '45'! 3+?'5%?! ;53'H50!) 5'5! 5?) ! '#K'H50! %?;+(E5'+?! 5D+H'! (#(34!
53'%@%6! B%CC! 5C&+! D#! FHD%&4#) ! D6! >P " ! J! +? ! D#45% ;! +; ! '4#! ;+H(! >P! 4%\$4#(! #) H35'+?! ;H?) %?%\$! D+) %&#J!
5?) ! B%CC! D#! E5) ! #5! 5%5D%# ! +?%?# , ! <HD%&4#) ! %?;+(E5'+?! %! %A#06! ' +! %?3CH) #! +\$S<) 4%, 1&" (F) +, " 1%
, 1*4<# , 18%, F3) *+*) / %\$ / +<# , \$ / % , 1% ? @ , * @%H " <F) H%NS\$(\$&\$(\$1 * \$# %g+H(! ?5E#15?) ! \+D! %'C# ! E56!
D#! %?3CH) #) ! %? ! '4#! '#K'H50! %?;+(E5'+?! , ! _ '4#! (F#(&+?50!) #5%&! B%CC! ?+(E5006! D#(#E+@#) , !

2**\$//, 18%H" <(%3\$(/ " 1) 4%#) +) %

>?) #(! '4#! O5'5! <(+ '#3'+?! W3'7/ : Y! 5?) ! '4#! TO < " J! 6+H! 45@#! '4#! (%\$4'! +! &##15?) ! (#3#@#! 5! 3+F6!
+; ! 5?6! F#(&+?50! %?;+(E5'+?! '45'! >P " ! ! 4+!) &! 5D+H'! 6+H, ! 9H('4#! %?;+(E5'+?! 5D+H'! '4#! W3'15?) !
T " < " J! 5?) ! \$H%) 5?3#! +? ! E5A%?%\$! 5! &HD\#3'! 533#&&! (#GH#&'J! 35? ! D#; +H?) ! +? ! '4#! " 8! B#DZ&'#5'!
[4''F&LXX\(#, HA\(% , +\(\\$5D+H'ZH&XF+0%3%#&Z&'5?\) 5\(\) &X; +%Z\) 5'5ZF\(+ #3'+?X!](#)

! ;! 6+H! 45@#! 5?6! 3+?3#(?&! 5D+H'! 6+H(! %?;+(E5'+?! D#%?%\$! H&#) ! ;+(! '4#! &#! FH(F+&#&! F%5+? '53'! L!

O5'5! <(+ '#3'+?! ; ; %3#(!

>P! " #(34! 5?) ! ! ? ? + @5'+?!

<+{5(%! Q+H&#!

- B%?) +?J! - * 7! : 9b!

8E5%QL!) 5'5F(+ #3'+? e HA(% , +(\$!

2' 'A \ I ; b%7WZ% - \$#<*+, " 1/% " (%/+)&&!* , (*<F /+) 1 * \$ /-!AS+() * +&(" F% - AB/5657P5670Q%
Y<,#) 1 * \$ " 1%E<NF, //, " 1 /%

.,! T%#@#?!4#!(#)H3#)!+H'FH'!(#GH%(#E#?#!;+(!7/7:J!'4#!'5(%;&!;+(!'4#!)#;%?#)!(#)H3'+?&!);#(!
;(+E!'4+&#!&#!%?! " 89!7/ : ^,! =4%&!&!'+!#?&H(#!'45!'5!D(+5)06!#GH%050#?#!(#)H3'+?!%&!\$#@#?!
%?!'4#!3+?'#K'+;!'4#!&HDE%'#)!+H'FH'!F++Q!5?)!'!+!#?&H(#!'45!'5?#&!(#3#@#!5!&H;%3#%?!
&#%3'+?!+;!(#(34!+H'FH'&!;(+E!#534!&HDE%'#)!H?%!HF+?!B4%34!'!+D5&#\H)\$#E#?'&!
about the quality of that unit's!+H'FH'&!,

7,! 8 . " &5(#!)#;%?#) %?!'4#!'Guidance!+?!submissions'!F5(5\$(5F4!: ^YN,!=5D#!b : !&#!&!+H'!'4#!
F#(E%'#)!(#)H3'+?%?!+H'FH'&!B%'4+H'!F#?5!'6%?!'4#!5&&#&&E#?'!45!'Q8I&!E56!(#GH#&!
;+(8 . " &B4+!E##'!4%&!)#;%?%'%+?!,!

!

=5D#!b : !85!(6!35(##(!(#(34#(&!<#(E%'#)!(#)H3'+?%?!+H'FH'&!

!

I)+\$%)+! ? @, * @%@\$%1# , . , #<)4%, (/+%F \$+

!

^,! =4#!500+B5?3#&!?!=5D0#!b7!5(!D5&#) !+?!'4#!0#?'\$'4!+;! '4#!individual's!5D&#?3#!+(!%E#!
5B56!;(+E!B+(A!?\$!?!Q8,! =4#6!5(!) #,%?#) !%?'#(E&!+;! '+ '50!E+?'4&!5D&#?'!;(+E!B+(A,!
! 2,! W&!F5('Z%E#!B+(A!?\$!?!5A#?!533+H?'!+;!B!'4?!'4#!3503H05'+?!;+(!'4#!+@#(500!?HED#(!

&#(!

44H !

! !"#\$. '/\

" 89!7/7:!. +)#!+;! <(53%3#!

!" FN,1,18%*,(*<F /+)1*\$/%

: /,! U4#(#!%?)%@%)H5!&!45@#!45)!5!3+ED%?5'%+?!+;!3%(3HE &'5?3#&!45!45@#!5!)#;%?#!
(#)H3'+?!%?!+H'FH'&J!'4#&#!E56!D#!533HEH0'5'#)!HF!'+!5!E5K%EHE!(#)H3'+?!+;! : ,2!
+H'FH'&,!9+(!#534!3!(3HE &'5?3#J!'4#!(#@#5?!!(#)H3'+?!&4+H0)!D#!5FF0%#!5?)!5))#!
'+\$#4#(!'+!35!3H0'5'#!'4#!'+!50!E5K%EHE!(#)H3'+?!,!

: : ,! U4#(#!=5D0#!b : !&!3+ED%?#)!B%'4!=5D0#!b7J!'4#!F#(%+)!+;!%E#!&%?3#!:!]5?H5(6!7/ : ^!HF!
H?'%!'4#!%?)%@%)H50!E#!'4#!)#;%?'%+?!+;!5?!8 . " !&4+H0)!D#!3503H0'5'#)!%?!E+?'4&J!5?)!
=5D0#!b7!&4+H0)!D#!5FF0%#),!

: 7,! U4#?!3+ED%?%?\$!3!(3HE &'5?3#&J!+?06!+?#!3!(3HE &'5?3#!&4+H0)!D#!'5A#?!%?'+'!533+H?!
;+(!5?6!F#(%+)!+;!%E#!)H(%?\$!B4%34!'4#6!'++A!F053#&%EH0'5?#+H&06,!

!
!
!

U 45'!&! '4#!5%E !+(!FH(F+&#!+;! '4#!
F+0%36! !

=4#! "policy" %&! '4#! . +) #! +; ! <(53'%3#! ;+(! " 897/7 : ,!=4#! . +) #! +; ! <(53'%3#! %&! 5! (#GH%(#E #?'! +;! 5?6! 4%\$4#(! #)H35'%+?!
%?&'%H'+?! E 5A%?\$!5!&HDE %&&+?!'+! " 897/7 : ,!W&!!&H34! d V>! 'is (#GH%(#)!'!+!)#@#(+FJ!) +3HE #?'!5?)!!5FF(6!5!!3+)#!
+;! F(53'%3#! +?! '4#! ;5%(! 5?)! '(5?&F5(#?'!%) #?'%;%35'+?! +;! &'5;;! B%'4! &%\$?%;%35?'! (#&F+?&%D%0%'6! ;+(! (#(34! MB4#(! #! 5!
4!\$4#(! #)H35'%+?! %?&'%H'#! MQ8IN! %&! ?+!'&HDE %'%'?%\$! : //!F#!(!3#?'! +;! . 5'#\$+(6! W! #0%\$%D%0%'&'5;;N[!)#'#(E%?'%\$! B4+! %&! 5?!
%?)#F#?)#?'! (#(34#([! 5?)!'4#! �#3'+?! +;! +H'FH'&J!%?3CH)%?%\$! 5FF(+534#&! '+!&HFF+(%'?\$!&'5;;! B%'4! circumstances'
M " 8927/7 :!TH%)5?3#!+?!3+)#&!+;!F(53'%3#J7/ : S j / 1N,!

=4#!5%E !+;! '4#!F+0%36!&!'+!&HFF+(!d V>!'?E ##'%'?\$

!
!
!
!
!

U4+!%&!%?'#?)#)!' +!D#?#;%!'!;(+E!
'4#!F+0%36!5?)!%?!B45'!B56!!

W00!535)#E%3!&'5;;!5'!'4#!H?%#@#(&%!'6!B4+!#?\$5\$#%?!+?#!B56!+(!5?+'4#(!B%'4!(#(34,! U4%0#!'4#!F+0%36!3+@#(#)!D6!'4%&!8!W!
F(%E5(%6!5;;#3'&'!4+&#!d V >!535)#E%3!&'5;;!B4+!E%\$4!'!3+?'(!DH'#!'+!'4#! " 89!(#'H(?!%?!5!(5?\$#!+;!B56&!4#!F+0%36!45&!?'+'!

!
!
!

O+#&'4#!F+036!F(+@%)#!
+FF+('H?'6!'!+#0%E%?5'#!H?(5B;H0!
)%&3(E%?5'+?!D#'#!(15)@5?3#!
#GH50'6!+;!+FF+('H?'6[!5?)!
F+&'%#@#(6!5;,#3!(#5'+?&D#'B##?!

!
!
!
!
!

U4+!%&!(#&F+?&%D0#!;+(!'4#!F+0%36I!
U4%34! . +E E%'##&!5(#!(#GH%(!'+!
5FF(+@#!'4#!F+0%36I!

!
!
!

T#?#(5(! * +'#! ! ! **b%** W&!+H'0%?#) !5D+@#J!4#! . +) #!+;!

!

" 8bITl_*J! ! K!
R8bl89!

!
!
!
!
!

. 5?!'4%&!5)@#(&#!%EF53'D#!
\H&'%;%#)J!;+(!#K5EF!#L!+?!'4#!
\$(+H?)&!+;!F(+E+'%?\$!#GH5%!'6!
+;!+FF+('H?'%6!;+(!+?#!F(+ '#3'#)!
\$(+HF&!+(!5?6!+'4#(!(#5&+? !!

W;'#(!(#3#%@\$!5)@%3#!;(+E!8OW<!5!' "#(34!8?\$!5?)!@%5!'4#!

!

-\$?5'H(#!
M35?!D#!#0#3'(+?%3N!

<(+#&&+(!]5E#&!V! -3+DD%#!

!

-\$?5'H(#J! . +?@#?#(!+;! '4#!
8GH50%'6!5?)!O%#@#(&% '6! . +E E%'##!
M+?!D#450;!+;! '4#! . +E E%'##N!

