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"#\$%&'()*%# \$+!, '\$-./, '\$-.0!\$%!.-%\$12.-!(!)3%%\$%(!(#.14)%()2!5)66.1.!7)88'2\$(9!)!-.(*8\$2.!3'(#)*%# \$+!32-!(!)+* :.2(!)*!.*%)6:!.13'(#)*%# \$+!-\$%+'(.%;!!<%%'%.%13--*.%%, '\$\$23@7\$%!!)#=!(!)!-.(*8\$2.!=#.(#.*!32!\$2-\$:-'36>%!7)2(*\$?'(\$)2%!=3**32(!3'(#)*%# \$+ @!37A2)=6.-18.2(% @!)*)2)!8.2(\$2; !(

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4)%()2!5)66.1.!\$%!7)88\$((.-!(!).2%*\$21!366!%7#)63*69!32-!*.%.3*7#!+'?6\$73(\$2%!\$2:)6:\$21!B37'6(9@!%!(3BB!/\$276'-\$21!+)%(-)7%0@!)!%('-.2(% @!\$276'-.!3++*)+\$3(!3(*\$?'(\$2!)B!3'(#)*%# \$+*.7)12\$(\$2!)B!(#)%!.\$2:)6:.-!\$2!(#.=)*A;!!C*)+.*!3(*\$?'(\$2)!32-!*7)12\$(\$2)!3*!.!7*\$(\$736!(!).2%*\$21!(#3(!3'(#)*%# \$+!7*.-\$(!\$%!1\$:!.2!=#.2!32-!=#.*!\$(!\$%!-'@!+* :.2(\$21!3'(#)*%# \$+!-\$%+'(.% @!)32-!+*)8)(\$21!7)663?)*3(\$2!38)21!*%.3*7#. *%;!!(

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D#.2!-.(*8\$2\$21!3'(#)*%# \$+!3(*\$?'(\$2@!*%.3*7#. *%!%#)'6-!B38\$6\$3*\$E.!(#.8%.6:.%!=\$#!(#.!+*)B.%%\$)236!2)*8%!32-!%(32-3*-%!)B!(#.*\$!373-.8\$7!-\$%7\$+6\$2.!32-!3++69!(#.8!3++*)+\$3(.69;!F.%3*7#. *%!%#)'6-!36%)!*.1'63*69!7)88'2\$73(!(#)%!.!2)*8%!32-!%(32-3*-%@!3(!8\$2\$8'8!=#.2!32!\$2-\$:-'36!G)\$2%!3!*%.3*7#!+*)G.7(!32-!(!.)*382!322'36!?'3%% @!=\$#!366!.8+6)9..% @!B37'6(9@!)%(3BB@!%('-.2(%!32-!)(#.*!\$2-\$:-'36%!\$2:)6:.-!\$2!(#.*\$;!%!%.3*7#

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&'(#)*%# \$+!+).(2(\$3669!7)2:.9%!1*.3(!?2.B\$(U3!7#)*% @!?'(!(\$!36%)!\$2:)6:.%!+.*%)236!*.%+2%\$?\$6\$(9!B)*!(#.!*%.3*7#!+'?6\$%#.-;!!<2!(#.!%7#)63*69!3*.23@!3'(#)*%# \$+!36%)!B)*8%!(#.!?B)*!*. =3*-%!32-!73*..*!3-:327.8.2(!!<(!\$%!%.%2(\$36!(#3(!3!+.*%)2>%!7)2%2(!?!)?(3\$2.-!?.B)*!.+637\$21!(#.*\$!238.!2!3!?'96\$2. @!%\$27.!377)'2(3?\$6\$(9!32-!*.%)2%\$?\$6\$(9!B)*!(#.!7)2()*0 -1*(#.!7

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+?6\$%#.-!) *A!\$%!\$8+6\$.-!=#.2!3'(#)*%#\$+!7*.-\$(!\$%!1\$:!.2;!!"#.*.B)*.@\$B!329)2.!\$%!377)*-.-!

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L.(.*8\$23(\$2%)!B!P6.3-!3'(#)*Q!32-!B7(#)*Q!-\$BB.*!%\$12\$B\$732(69!-.+.2-\$21!)2!(#.!.373-.8\$7!
-\$%7\$+6\$2.;!!5)2%.K'.2(69@!=#.2!83A\$21!P3'(#)*%#\$+!)*.*Q!-.(.*8\$23(\$2%)!B!P6.3-!3'(#)*Q!
.B.!(!#.!+*)B.%%\$)236!2)*8%!32-!%(32-3*-%!)B!(#..\$*!373-.8\$23(\$2%)!B!P6.3-!3'(#)*Q!
.K'\$.8.2(%!B*)8!(#.!.%.3*7#!G)*236!\$2!=#\$7#!(#.9#!)+.!'?6\$%#!)*!(#.!.%+)2%)*!B!(#.!.%.3*7#!
\$2:)6:-;!!<2!(#.!.2(!)B!3!%\$('3(\$2!\$2!=#\$7#!3'(#)*%#\$+!)*.*7322)(!?.!-.(.*8\$2.-@!(#.!.7)
3'(#)*%!%#)'6-!7)2(37(!#.\$*!*.%.+.7(\$.:B*(8.2(!7#3\$*)!*!3%%)7\$3(!.%.3*7#!-.32!B)*!3%%\$%(327.;!)

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<2-\$:-'36%#)%!.7)2(*\$?'(\$2%!)2)(!G'(%\$B9!3'(#)*%#\$+!)2!(#.!.3B)*.8.2(\$2.-!7*\$(*\$3
7)'6-!%(\$6637A2)=6.-1.-!\$2-\$:-'3669!)!3%!3!1*)+'!2-.*!3!%\$216.!#3-\$21!/.;1;!R56\$2\$736!
<2:..%(\$13()*%R!)!RC3*(\$7\$+3(\$21!<2:..%(\$13()*%R0@!32-!(#..\$*!373-.8\$23(\$2%)!B!P6.3-!3'(#)*Q!
R%.*.-!3%!%7\$.2(\$B\$7!3-.\$%)*%@R!R7*\$(\$73669!*.:\$.=-(#!%('9!+*)+)%36@R!R7)66.7(-!3(3@R
R+*):\$.-!32-!73*.-!B)*!%('9!+3(\$2%@R!R+3*(\$7\$+3(-!\$2!=\$(\$21!)*!(.7#2\$736!-\$(\$21!)B!(#.!.
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SI38+6.%)B!37(\$:\$(\$.%!(#3(!36)2.!-!)2)(!K'36\$B9!3!7)2(*\$?'()*!B)*!3'(#)*%#\$+!\$276'-.@!?'(!3*!.2)(!
6\$8\$(-!)M!37K'\$%\$(\$2!)B!B'2-\$21T!1.2.*36!%'+.*:\$%\$2!)B!3!*.%.3*7#!1*)+'!)*!1.2.*36!
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+*))B*.3-\$21!

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%(3(-!\$2!(\$%\$!.\$2!)*.*!(!)7)2B*\$8!.37#!\$2-\$:-'36!#3%@!)!#3%2)(@!%3(\$%B\$.-!37#!7*\$(*\$)2;!!<
3!-.7\$%\$2!\$%!83-!(!)*.8):.!.32!3'(#)*@!366!3'(#)*%!%#)'6-!7)2%.2(!\$2!=\$(\$21!)(#!3(!*.8):36@!
\$276'-\$21!(#.!.176'-!3'(#)* \$;!!U+)2!31*..8.2(@!3'(#)*%!%#)'6-!38.2-!(!#3'(#)*!6\$%(!32-!
7)2(*\$?'()*!-.(3\$6%!3%!2.-.!.!;

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3--.*%.-!?'9!(#.!.%.%.+.7(\$:!.+.3*(8.2(!7#3\$*)!*!3%%)7\$3(!.%.3*7#!-.32;!!<2!%'7#!32!B)2%(327.@!
3'(#)*%!%#)'6-!+63\$2#!.*.3%)2!B)*!*.8):\$21!32!3'(#)*!32-!+*):\$-!3!-.(3\$6.-G%(\$B\$736)2
(#3(!-.7\$%\$2!36)21!=\$#!%++)*(\$21!)-7'8.2(3(B)B!3++6\$73?6.;!!

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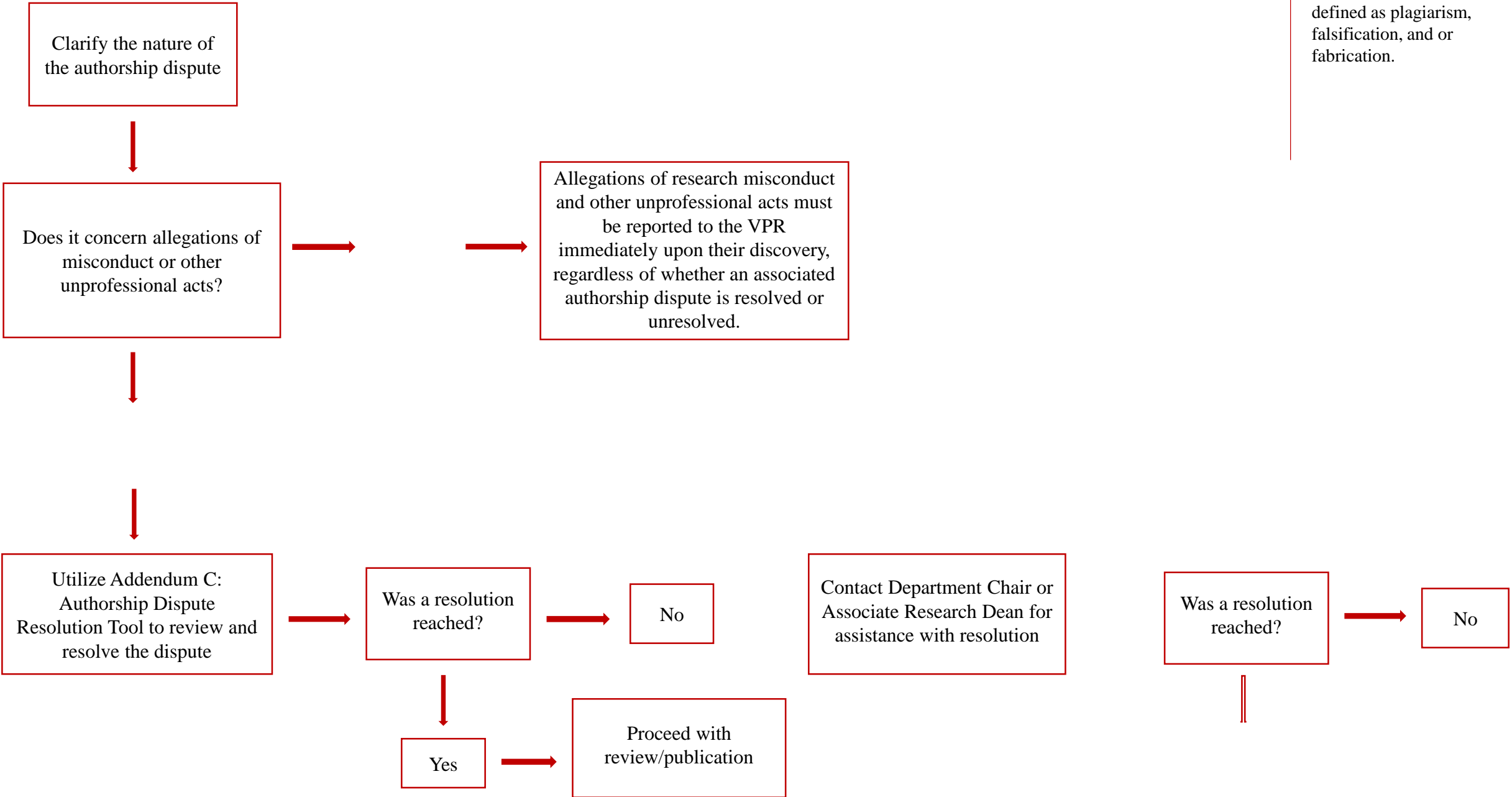
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Addendum A: Authorship Agreement Flow Chart

Establish Authorship
Agreement written by

Addendum B: Authorship Dispute Resolution Flow Chart

***Notes**
Research misconduct is defined as plagiarism, falsification, and or fabrication.



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