

KIZZMEKIA S. CORBETT, PHD

Senior Research Fellow

National Institutes of Health | National Institute of Allergy and Infectious Diseases | Vaccine Research Center

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EDUCATION

- Doctor of Philosophy in Microbiology and Immunology** 2014
University of North Carolina at Chapel Hill (UNC)
Director's Scholar
- Bachelor of Science in Biological Sciences** | Secondary Major in Sociology 2008
University of Maryland – Baltimore County (UMBC)
Robert and Jane Meyerhoff Scholar

RESEARCH EXPERIENCE

- Research Fellow** 10/14 - present
National Institutes of Health | Vaccine Research Center | PI: Barney S. Graham, MD PhD
Research Interest: mechanisms of viral immunity to inform influenza and coronavirus vaccine development
- Graduate Research Assistant** 08/09 – 10/14
University of North Carolina at Chapel Hill | Microbiology and Immunology | PI: Aravinda de Silva, MPH PhD
Research Interest: human antibody responses to dengue virus infection
- Visiting Scholar** 04/14 – 05/14
Genetech Research Institute | PI: Aruna Dharshan de Silva, PhD
Research Interest: immunological relevance of dengue virion maturation
- Postbaccalaureate Research Fellow** 05/08 – 08/09
National Institutes of Health | Vaccine Research Center | PI: Barney S. Graham, MD PhD
Research Interest: novel vaccine platform design for respiratory syncytial virus antigens
- NIH Undergraduate Scholarship Program Summer Intern** 06/07 – 08/07
National Institutes of Health | Vaccine Research Center | PI: Barney S. Graham, MD PhD
Research Interest: dendritic cell responses to respiratory syncytial virus infection
- Undergraduate Laboratory Assistant** 09/06 – 05/07
University of Maryland – Baltimore | School of Nursing | PI: Susan Dorsey, PhD
Research Interest: pain sensitivity in mouse models
- Data Collection Team Leader** 09/05 – 05/08
Healthy Aging in Neighborhoods of Diversity Across a Lifespan | PI: Jessica Kelley-Moore, PhD
Research Interest: social aspects of health disparities
- Alliances for Graduate Education and the Professoriate Summer Intern** 06/05 – 08/05
Stony Brook University | Center for Infectious Diseases | PI: Gloria Viboud, PhD
Research Interest: *Yersinia pseudotuberculosis* pathogenesis
- Project SEED Summer Intern** 05/03 – 08/03
University of North Carolina at Chapel Hill | Chemistry | PI: James Morken, PhD
Research Interest: chiral enantiomer synthesis and separation

FIRST AUTHOR PUBLICATIONS (*equal contributions, #senior authorship, gray = pending review)

1. **Kizzmekia S. Corbett**, Barbara Flynn, Joseph R. Francica, Seyhan Boyoglu-Barnum, Anne P. Werner, Britta Flach, Sarah O'Connell, Kathryn E. Foulds, Amy T. Noe, Naomi Douek, Hanne Anderson, Kevin W. Bock, Mahnaz Minai, Bianca M. Nagata, David R. Martinez, Mitzi M. Donaldson, Nadesh N. Nji, Gabriela Alvarado, Darin K. Edwards, Dillon R. Flebbe, Evan Lamb, Nicole A. Doria-Rose, Bob C. Lin, Mark K. Louder, Sijy O'Dell, Stephen D. Schmidt, Emily Phung, Lauren A. Chang, Christina Yap, John-Paul M. Todd, Laurent Pessaint, Alex Van Ry, Shanai Browne, Jack Greenhouse, Tammy Putman-Taylor, Amanda Strasbaugh, Tracy-Anne Cambell, Anthony Cook, Alan Dodson, Katelyn Steingrebe, Wei Shi, Yi Zhang, Olubukola M. Abiona, Lingshu Wang, Amarendra Pegu, Eun Sung Yang, Kwanyee Leung, Tongqing Zhou, I-Ting Teng, Alicia Widge, Ingelise Gordon, Laura Novik, Rebecca A. Gillespie, Rebecca J. Loomis, Juan I. Moliva, Guillaume Stewart-Jones, Sunny Himansu, Wing-Pui Kong, Martha C. Nason, Kaitlyn M. Morabito, Tracy J. Ruckwardt, Julie E. Ledgerwood, Martin R. Gaudinski, Peter D. Kwong, PhD, John R. Mascola, Andrea Carfi, Mark G. Lewis, Ralph S. Baric, Adrian McDermott, Ian N. Moore, Nancy J. Sullivan, Mario Roederer, Robert A. Seder, MD[#], and Barney S. Graham, MD[#]. Evaluation of mRNA-1273 Vaccine Against SARS-CoV-2 in Nonhuman Primates. *New England Journal of Medicine*. 15 October 2020; 383(16):1544-1555. doi: 10.1056/NEJMoa2024671.
2. **Kizzmekia S. Corbett***, Darin Edwards*, Sarah R. Leist*, Olubukola M. Abiona, Seyhan Boyoglu-Barnum, Rebecca A. Gillespie, Sunny Himansu, Alexandra Schäfer, Cynthia T. Ziwawo, Anthony T. DiPiazza, Kenneth H. Dinnon, Sayda M. Elbashir, Christine A. Shaw, Angela Woods, Ethan J. Fritch, David R. Martinez, Kevin W. Bock, Mahnaz Minai, Bianca M. Nagata, Geoffrey B. Hutchinson, Kai Wu, Carole Henry, Kapil Bahl, Dario Garcia-Dominguez, LingZhi Ma, Isabella Renzi, Wing-Pui Kong, Stephen D. Schmidt, Lingshu Wang, Yi Zhang, Laura J. Stevens, Emily Phung, Lauren A. Chang, Rebecca J. Loomis, Nedim Emil Altaras, Elisabeth Narayanan, Mihir Metkar, Vlad Presnyak, Cuiping Liu, Mark K. Louder, Wei Shi, Kwanyee Leung, Eun Sung Yang, Ande West, Kendra L. Gully, Nianshuang Wang, Daniel Wrapp, Nicole A. Doria-Rose, Guillaume Stewart-Jones, Hamilton Bennett, Martha C. Nason, Tracy J. Ruckwardt, Jason S. McLellan, Mark R. Denison, James D. Chappell, Ian N. Moore, Kaitlyn M. Morabito, John R. Mascola, Ralph S. Baric, Andrea Carfi[#], and Barney S. Graham[#]. SARS-CoV-2 mRNA Vaccine Design Enabled by Prototype Pathogen Preparedness. *Nature*. 2020 October; 586(7830):567-571. doi: 10.1038/s41586-020-2622-0.
3. **Kizzmekia S. Corbett***, Syed M. Moin*, Hadi M. Yassine, Alberto Cagigi, Masaru Kanekiyo, Yaroslav Tsybovsky, Adam K. Wheatley, Chaim A. Schramm, Seyhan Boyoglu-Barnum^a, Sky I. Myers^a, Rebecca A. Gillespie, Wei Shi, Lingshu Wang, Yi Zhang, Sarah F. Andrews, M. Gordon Joyce, Michelle C. Crank, Daniel C. Douek, Adrian B. McDermott, John R. Mascola, Barney S. Graham[#], and Jeffrey C. Boyington[#]. Design of nanoparticulate group 2 influenza hemagglutinin stem antigens that activate unmutated ancestor B cell receptors of broadly neutralizing antibody lineages. *MBio*. 26 February 2019; 10:e02810-18.
4. Jesper Pallesen*, Nianshuang Wang*, **Kizzmekia S. Corbett***, Daniel Wrapp, Robert N. Kirchdoerfer, Hannah L. Turner, Christopher A. Cottrell, Michelle M. Becker, Lingshu Wang, Wei Shi, Wing-Pui Kong, Arminja Kettenbach, Mark R. Denison, James D. Chappell, Barney S. Graham, Andrew B. Ward, and Jason S. McLellan[#]. Immunogenicity and structures of a rationally designed prefusion MERS-CoV antigen. *Proceedings of the National Academy of Sciences*. 29 August 2017; 114(35):e7348-e7357.
5. **Kizzmekia S. Corbett**, Leah Katzelnick, Hasitha Tissera, Dharshan de Silva, and Aravinda de Silva[#]. Pre-existing neutralizing antibody responses distinguish clinically inapparent and apparent dengue virus infections in a Sri Lankan pediatric cohort. *Journal of Infectious Diseases*. 15 February 2015; 211(4):590-9.

SENIOR AUTHOR PUBLICATIONS (*equal contributions, #senior authorship, gray = pending review)

1. Osnat Rosen, Leo Li-Ying Chan, Olubukola M. Abiona, Portia Gough, Lingshu Wang, Wei Shi, Yi Zhang, Nianshuang Wang, Wing-Pui Kong, Jason S. McLellan, Barney S. Graham, and **Kizzmekia S. Corbett**[#]. A high-throughput inhibition assay to study MERS-CoV antibody interactions using image cytometry. *Journal of Virological Methods*. March 2019; 265:77-83.

CO-AUTHOR PUBLICATIONS (*equal contributions, #senior authorship, gray = pending review)

1. Yongping Yang*, Wei Shi*, Olubukola M. Abiona*, Alexandra Nazzari, Adam S. Olia, Li Ou, Emily Phung, Tyler Stephens, Raffaello Verardi, Yaroslav Tsybovsky, Shuishu Wang, Anne Werner, Christina Yap, David Ambrozak, Tatsiana Bylund, Tracy Liu, Richard Nguyen, Lingshu Wang, Baoshan Zhang, Tongqing Zhou, Gwo-Yu Chuang, Barney S. Graham, John R. Mascola, **Kizzmekia S. Corbett**[#], Peter D. Kwong[#]. Newcastle Disease Virus-Like 2 Particles Displaying Prefusion-Stabilized SARS-CoV-2 Spikes Elicit Potent Neutralizing Responses. *Vaccines*. in press.

2. Alicia T. Widge, Nadine G. Roupheal, Lisa A. Jackson, Evan J. Anderson, Paul C. Roberts, Mamodikoe Makhene, James D. Chappell, Mark R. Denison, Laura J. Stevens, Andrea J. Pruijssers, Adrian B. McDermott, Britta Flach, Bob C. Lin, Nicole A. Doria-Rose, Sijy O'Dell, Stephen D. Schmidt, Kathleen M. Neuzil, Hamilton Bennett, Brett Leav, Mat Makowski, Jim Albert, Kaitlyn Cross, Venkata-Viswanadh Edara, Katharine Floyd, Mehul S. Suthar, Wendy Buchanan, Catherine J. Luke, Julie E. Ledgerwood, John R. Mascola, Barney S. Graham[#], John H Beigel[#], **mRNA-1273 Study Group**. Durability of Responses after SARS-CoV-2 mRNA-1273 Vaccination. *New England Journal of Medicine*. 07 January 2021; 384(1):80-82. doi: 10.1056/NEJMc2032195
3. Evan J. Anderson, Nadine G. Roupheal, Alicia T. Widge, Lisa A. Jackson, Chris Roberts, Mamodikoe Makhene, James D. Chappell, Mark R. Denison, Laura Stevens, Andrea J. Pruijssers, Adrian B. McDermott, Britta Flach, Bob C. Lin, Nicole A. Doria-Rose, Sijy O'Dell, Stephen D. Schmidt, **Kizzmekia S. Corbett**, Phillip A. Swanson II, Marcelino Padilla, Kathy M. Neuzil, Hamilton Bennett, Brett Leav, Mat Makowski, Jim Albert, Kaitlyn Cross, Venkata Viswanadh Edara, Katharine Floyd, Mehul S. Suthar, David R. Martinez, Ralph Baric, Wendy Buchanan, Catherine J. Luke, Varun K. Phadke, Christina A. Rostad, Julie E. Ledgerwood, Barney S. Graham[#], and John H. Beigel[#] for the mRNA-1273 Study Group. Safety and Immunogenicity of an mRNA Vaccine against SARS-CoV-2 in Older Adults - Preliminary Report. *New England Journal of Medicine*. 17 December 2020;383(25):2427-2438. doi: 10.1056/NEJMoa2028436
4. Lisa A. Jackson, Evan J. Anderson, Nadine G. Roupheal, Paul C. Roberts, Mamodikoe Makhene, Rhea Coler, Michele Paine McCullough, James D. Chappell, Mark R. Denison, Andrea J. Pruijssers, Adrian McDermott, Britta Flach, Nicole A. Doria-Rose, **Kizzmekia S. Corbett**, Kaitlyn M. Morabito, Sijy O'Dell, Stephen D. Schmidt, Kathleen M. Neuzil, Hamilton Bennett, Wellington Sun, Etza Peters, Mat Makowski, Jim Albert, Kaitlyn Cross, Wendy Buchanan, Rhonda Pikaart-Tautges, Julie E. Ledgerwood, Barney S. Graham[#], and John H. Beigel[#] for the mRNA-1273 Study Group. A SARS-CoV-2 mRNA Vaccine — Preliminary Report. *New England Journal of Medicine*. 12 November 2020; 383(20):1920-1931. doi: 10.1056/NEJMoa2022483. doi: 10.1056/NEJMoa2022483.
5. Baoshan Zhang*, Cara W. Chao*, Yaroslav Tsybovsky, Olubukola M. Abiona, Geoffrey B. Hutchinson, Juan I. Moliva, Adam S. Olia, Guillaume Stewart-Jones, Raffaello Verardi, Lingshu Wang, Shuishu Wang, Anne Werner, Tongqing Zhou, John R. Mascola, Nancy J. Sullivan, Barney S. Graham, **Kizzmekia S. Corbett**, and Peter D. Kwong[#]. A Platform Incorporating Trimeric Antigens into Self-Assembling Nanoparticles Reveals SARS-CoV-2-Spike Nanoparticles to Elicit Substantially Higher Neutralizing Responses than Spike Alone. *Scientific Reports*. 23 October 2020; 10(1):18149. doi: 10.1038/s41598-020-74949-2.
6. Tongqing Zhou, I-Ting Teng, Adam S. Olia, Gabriele Cerutti, Jason Gorman, Alexandra Nazzari, Wei Shi, Yaroslav Tsybovsky, Lingshu Wang, Shuishu Wang, Baoshan Zhang, Yi Zhang, Phinikoula S. Katsamba, Yuliya Petrova, Bailey B. Banach, Ahmed S. Fahad, Lihong Liu, Sheila N. Lopez Acevedo, Bharat Madan, Matheus Olivera de Souza, Xiaoli Pan, Pengfei Wang, Jacy R. Wolfe, Michael Yin, David D. Ho, Emily Phung, Anthony DiPiazza, Lauren Chang, Olubukola Abiona, **Kizzmekia S. Corbett**, Brandon J. DeKosky, Barney S. Graham, John R. Mascola, John Misasi, Tracy Ruckwardt, Nancy J. Sullivan, Lawrence Shapiro, and Peter D Kwong[#]. Structure-Based Design with Tag-Based Purification and In-Process Biotinylation Enable Streamlined Development of SARS-CoV-2 Spike Molecular Probes. *Cell Reports*. 12 October 2020;108322. doi: 10.1016/j.celrep.2020.108322
7. Benjamin D. Hallowell, Christina M. Carlson, Jessica R. Jacobs, Mary Pomeroy, Jonathan Steinberg, Mark Tenforde, Emily McDonald, Loretta Foster, Leora R. Feldstein, Melissa A. Rolfes, Amber Haynes; Glen R. Abedi, George S. Odongo, Kim Saruwatari, Errin C. Rider, Gina Douville, Neenaben Bhakta, Panagiotis Maniatis, Stephen Lindstrom, Natalie J. Thornburg, Xiaoyan Lu, Brett L. Whitaker, Shifaq Kamili, Senthilkumar K.Sakthivel, Lijuan Wang, Lakshmi Janna R. Murray, Brian Lynch, Martin Cetron, Clive Brown, Shahrokh Roohi1, Lisa Rotz, Denise Borntreger, Kenta Ishii1, Kathleen Moser, Mohammad Rasheed, Brandi Freeman, Sandra Lester, **Kizzmekia S. Corbett**, Olubukola M. Abiona, Geoffrey B. Hutchinson, Barney S. Graham, Nicki Pesik, Barbara Mahon, Christopher Braden, Casey Barton Behraves, Rebekah Stewart, Nancy Knight, Aron J. Hall, and Marie Killerby. Severe Acute Respiratory Syndrome Coronavirus 2 Prevalence, Seroprevalence, and Exposure Investigation Among Evacuees from Wuhan, China, 2020. *Emerging Infectious Diseases*. 2020 Sep;26(9):1998-2004. doi: 10.3201/eid2609.201590.
8. Daniel Wrapp*, Dorien de Vlieger*, **Kizzmekia S. Corbett**, Gretel M. Torres, Barney S. Graham, Bert Schepens, Xavier Saelens, and Jason S. McLellan[#]. Structural Basis for Potent Neutralization of Betacoronaviruses by Single-domain Camelid Antibodies. *Cell*. 28 May 2020;181(5):1004-1015.e15. doi: 10.1016/j.cell.2020.04.031.
9. Daniel Wrapp*, Nianshuang Wang*, **Kizzmekia S. Corbett**, Jory A. Goldsmith, Ching-Lin Hsieh, Olubukola Abiona, Barney S. Graham, Jason S. McLellan[#]. Cryo-EM Structure of the 2019-nCoV Spike in the Prefusion Conformation. *Science*. 13 March 2020; 367(6483):1260-1263. doi: 10.1126/science.abb2507.

10. Seyhan Boyoglu-Barnum, Geoffrey B. Hutchinson, Jeffrey C. Boyington, Syed M. Moin, Rebecca A. Gillespie, Yaroslav Tsybovsky, Tyler Stephens, John R. Vaile, Julia Lederhofer, **Kizzmekia S. Corbett**, Brian E. Fisher, Hadi M. Yassine, Sarah F. Andrews, Michelle C. Crank, Adrian B. McDermott, John R. Mascola, Barney S. Graham[#], and Masaru Kanekiyo[#]. Glycan repositioning of influenza hemagglutinin stem facilitates the elicitation of protective cross-group antibody response. *Nature Communications*. 07 February 2020; 11, 791. doi:10.1038/s41467-020-14579-4
11. Nianshuang Wang, Osnat Rosen, Lingshu Wang, Hannah L. Turner, Laura J. Stevens, **Kizzmekia S. Corbett**, Charles A. Bowman, Jesper Pallesen, Wei Shi, Yi Zhang, Kwanyee Leung, Robert N. Kirchdoerfer, Michelle M. Becker, Mark R. Denison, James D. Chappell, Andrew B. Ward, Barney S. Graham, and Jason S. McLellan[#]. Structural Definition of a Neutralization-sensitive Epitope on the MERS-CoV S1-NTD. *Cell Reports*. 24 September 2020; 28(13):3395-3405.e6. doi:10.1016/j.celrep.2019.08.052.
12. Rajendra Raut, **Kizzmekia S. Corbett**, Rashika N. Tennekoon, Sunil Premawansa, Ananda Wijewickrama, Gayani Premawansa, Piotr Mieczkowski, Aruna D. De Silva, and Aravinda M. de Silva[#]. Dengue viruses in humans are highly infectious and poorly neutralized by human antibodies. *Proceedings of the National Academy of Sciences*. 02 January 2019; 116(1):227-232.
13. Robert N. Kirchdoerfer, Nianshuang Wang, Jesper Pallesen, Daniel Wrapp, Hannah L. Turner, Christopher A. Cottrell, **Kizzmekia S. Corbett**, Barney Graham, Jason S. McLellan, and Andrew B. Ward[#]. Stabilized coronavirus spikes are resistant to conformational changes induced by receptor recognition or proteolysis. *Scientific Reports*. 24 October 2018; 8(1):15701.
14. Lingshu Wang*, Wei Shi*, Jim Chappell*, Michael Joyce, Yi Zhang, Masaru Kanekiyo, Michelle Becker, Neeltje van Doremalen, Robert Fischer, Nianshuang Wang, **Kizzmekia S. Corbett**, Misook Choe, Rosemarie Mason, Joseph Van Galen, Tongqing Zhou, Kevin Saunders, Kathleen Tatti, Lia Haynes, Peter Kwong, Kayvon Modjarrad, Wing Kong, Jason McLellan, Mark Denison, Vincent Munster, John Mascola, and Barney Graham[#]. Importance of neutralizing monoclonal antibodies targeting multiple antigenic sites on MERS-CoV spike to avoid neutralization escape. *Journal of Virology*. April 2018; 92(10):e02002-17.
15. Robert N. Kirchdoerfer*, Christopher Cottrell*, Nianshuang Wang, Jesper Pallesen, Hadi Yassine, Hannah L. Turner, **Kizzmekia S. Corbett**, Barney S. Graham, Jason McLellan, and Andrew Ward[#]. Pre-fusion structure of a human coronavirus spike protein. *Nature*. 03 March 2016; 531(7592):118-21.
16. Rhonda Kines, Vladimir Zarnitsyn, Teresa Johnson, Yuk-Ying Pang, **Kizzmekia S. Corbett**, John Nicewonger, Anu Gangopadhyay, Man Chen, Jie Liu, Mark Prausnitz, John Schiller, and Barney S. Graham[#]. Vaccination with human papillomavirus pseudovirus-encapsidated plasmids targeted to skin using microneedles. *PLoS One*. 18 March 2015; 10(3):e0120797.
17. Hasitha Tissera, Ananda Amarasinghe, Dharshan de Silva, Paba Palihawadana, Pradeep Kariyawasam, Sunethra Gunasena, **Kizzmekia S. Corbett**, Leah Katzelnick, Clarence Tam, William Letson, Harold Margolis, and Aravinda de Silva[#]. Burden of dengue infection in a pediatric cohort in urban Sri Lanka. *American Journal of Tropical Medicine and Hygiene*. July 2014; 91(1):132-7.
18. Teresa Johnson, Christina Johnson, **Kizzmekia S. Corbett**, Gretchen Edwards, and Barney S. Graham[#]. Primary human mDC1, mDC2, and pDC dendritic cells are differentially infected and activated by respiratory syncytial virus. *PLoS One*. 28 January 2011; 6(1):e16458.
19. Barney Graham, Rhonda Kines, **Kizzmekia S. Corbett**, John Nicewonger, Teresa Johnson, Man Chen, Daaimah LaVigne, Jeffrey Roberts, Nicolas Cuburu, John Schiller, and Christopher Buck[#]. Mucosal delivery of human papillomavirus pseudovirus-encapsidated plasmids improves potency of DNA vaccination. *Mucosal Immunology*. September 2010; 3(5):475-86.
20. Bryan E. Jones*, Patricia L. Brown-Augsburger, **Kizzmekia S. Corbett**, Kathryn Westendorf, Julian Davies, Thomas P. Cujec, Christopher M. Wiethoff, Jamie L. Blackbourne, Beverly A. Heinz, Denisa Foster, Richard E. Higgs, Deepa Balasubramaniam, Lingshu Wang, Roza Bidshahri, Lucas Kraft, Yuri Hwang, Stefanie Žentelis, Kevin R. Jepsen, Rodrigo Goya, Maia A. Smith, David W. Collins, Samuel J. Hinshaw, Sean A. Tycho, Davide Pellacani, Ping Xiang, Krithika Muthuraman, Solmaz Sobhanifar, Marissa H. Piper, Franz J. Triana, Jorg Hendle, Anna Pustilnik, Andrew C. Adams, Shawn J. Berens, Ralph S. Baric, David R. Martinez, Robert W. Cross, Thomas W. Geisbert, Viktoriya Borisevich, Olubukola M. Abiona, Hayley M. Belli, Maren de Vries, Adil Mohamed, Meike Dittmann, Marie Samanovic, Mark J. Mulligan, Jory A. Goldsmith, Ching-Lin Hsieh, Nicole V. Johnson, Daniel Wrapp, Jason S. McLellan, Bryan C. Barnhart, Barney S. Graham, John R. Mascola, Carl L. Hansen, and Ester Falconer*. LY-CoV555, a rapidly isolated potent neutralizing antibody, provides protection against SARS-CoV-2. re-submitted post-review to Science Translational Medicine.

21. Kai Wu*, Anne P. Werner*, Juan I. Moliva, Matthew Koch, Angela Choi, Guillaume B.E. Stewart-Jones, Hamilton Bennett, Seyhan Boyoglu-Barnum, Wei Shi, Barney S. Graham, Andrea Carfi, **Kizzmekia S. Corbett**, Robert A. Seder[#], Darin K. Edwards[#]. **mRNA-1273 vaccine induces neutralizing antibodies against spike mutants from global SARS-CoV-2 variants.** *In review.* pre-print: <https://www.biorxiv.org/content/10.1101/2021.01.25.427948v1>
22. Jennifer Hicks, Carleen Klumpp-Thomas, Heather Kalish, Anandakumar Shunmugavel, Jennifer Mehalko, John-Paul Denson, Kelly Snead, Matthew Drew, **Kizzmekia S. Corbett**, Barney S. Graham, Matthew D. Hall, Matthew J. Memoli, Dominic Esposito, and Kaitlyn Sadtler[#]. Serologic cross-reactivity of SARS-CoV-2 with endemic and seasonal *Betacoronaviruses*. *In review.* pre-print: <https://www.medrxiv.org/content/10.1101/2020.06.22.20137695v1>
23. Brandi Freeman*, Sandra Lester*, Lisa Mills*, Mohammad Rasheed*, Stefany Moye, Olubukola M. Abiona, Geoffrey Hutchinson, Maria Morales-Betoulle, Inna Krapinunaya, Ardith Gibbons, Cheng-Feng Chiang, Deborah Cannon, John Klena, Jeffrey A. Johnson, Sherry Michele Owen, Barney S. Graham, **Kizzmekia S. Corbett**, and Natalie J. Thornburg[#]. Validation of a SARS-CoV-2 spike ELISA for use in contact investigations and serosurveillance. *In review.* pre-print: <https://www.biorxiv.org/content/10.1101/2020.04.24.057323v2>

PERSPECTIVES

1. **Kizzmekia S. Corbett.** The Duty to Mentor, Be Visible and Represent. *Nature Medicine.* 19 October 2020. doi: 10.1038/s41591-020-1122-y
2. Barney S. Graham & **Kizzmekia S. Corbett.** Prototype Pathogen Approach for Pandemic Preparedness: World on Fire. *Journal of Clinical Investigation.* 01 July 2020;130(7):3348-3349. doi: 10.1172/JCI139601.

PATENTS & PATENT APPLICATIONS

1. Barney S. Graham, John Mascola, **Kizzmekia S. Corbett.** Julie Ledgerwood, Olubukola M. Abiona, Lingshu Wang, Wei Shi, Wing-Pui Kong, Yi Zhang. US Patent Application No. 63/081,351. Anti-Coronavirus Antibodies and Methods of Use. 18 September 2020.
2. Barney S. Graham, John Mascola, **Kizzmekia S. Corbett.** Julie Ledgerwood, Olubukola M. Abiona, Lingshu Wang, Wei Shi, Wing-Pui Kong, Yi Zhang. US Patent Application No. 63/036,089. Anti-Coronavirus Antibodies and Methods of Use. 08 June 2020.
3. Barney S. Graham, John Mascola, **Kizzmekia S. Corbett.** Julie Ledgerwood, Olubukola M. Abiona, Lingshu Wang, Wei Shi, Wing-Pui Kong, Yi Zhang. US Patent Application No. 63/030,530. Anti-Coronavirus Antibodies and Methods of Use. 27 May 2020.
4. Neil King, Daniel Ellis, George Ueda, Barney S. Graham, **Kizzmekia S. Corbett,** Masaru Kanekiyo, Geoffrey Hutchinson. US Application No. 63/022,21. Nanoparticle Vaccines for Coronaviruses. 08 May 2020.
5. Barney S. Graham, John Mascola, **Kizzmekia S. Corbett.** Julie Ledgerwood, Olubukola M. Abiona, Lingshu Wang, Wei Shi, Wing-Pui Kong, Yi Zhang. US Patent Application No. 63/010,999. HHS Ref. No. E-131-2020-0. Anti-Coronavirus Antibodies and Methods of Use. 16 April 2020.
6. Barney S. Graham, **Kizzmekia S. Corbett,** Olubukola M. Abiona, Lingshu Wang, Wing-Pui Kong. US Patent Application No. 63/101,646. HHS Ref. No. E-116-2020-0. SARS-CoV Antibodies and Their Use. 15 April 2020.
7. Barney S. Graham, **Kizzmekia S. Corbett,** Olubukola M. Abiona, Geoffrey B. Hutchinson, Daniel Wrapp, Nianshuang Wang, Jason S. McLellan. US Patent Application No. 62/972,886. 2019-nCoV Vaccine. 11 February 2020.
8. Jeffrey Boyington, Barney S. Graham, John Mascola, Hadi Yassine, **Kizzmekia S. Corbett,** Syed Moin, Lingshu Wang. International Publication No. WO/2018/045308. Stabilized Group 2 Influenza Hemagglutinin Stem Region Trimers and Uses Thereof. 03 August 2018.
9. Peter Kwong, Ivelin Georgiev, Michael Gordon Joyce, Masaru Kanekiyo, Aliaksandr Druz, Ulrich Baxa, Joseph Van Galen, Rita Chen, Cheng Cheng, John Mascola, Yaroslav Tsybovsky, Yongping Yang, Paul Thomas, Barney S. Graham, Syed Mohammad Moin, **Kizzmekia S. Corbett,** Jeffrey Boyington. International Publication No. WO/2018/005558. Self-assembling Insect Ferritin Nanoparticles for Display of Co-assembled Trimeric Antigens. 01 April 2018.
10. Barney S. Graham, **Kizzmekia S. Corbett,** Hadi Yassine, Masaru Kanekiyo, Michael Gordon Joyce, Robert Kirchdoerfer, Christopher Cottrell, Jesper Pallesen, Hannah Turner, Andrew Ward, Nianshuang Wang, Jason S. McLellan. US Patent

KEYNOTES & INVITED LECTURES

<i>Emory University Infectious Disease Division Seminar</i>	TBD
<i>Norco College Engineering Pathways Program STEM Speaker Series</i>	TBD
<i>Northwestern University Biotechnological Advances Seminar Series</i>	TBD
<i>Tufts University School of Medicine Department of Molecular Biology and Microbiology Seminar</i>	TBD
Keystone Symposium Positive-Strand RNA Viruses Oral Presentation	06/22
Keystone Symposium Lessons from the Pandemic: Responding to Emerging Zoonotic Viral Diseases	04/22
LIFE ITSELF with Dr. Sanjay Gupta & Marc Hodosh Invited Speaker	09/21
University of Pittsburgh Chemical Engineering Undergrad “Inspirational Educator Award” Seminar	09/21
Microscopy and Microanalysis Annual Meeting	08/21
American Society of Virology 40th Annual Meeting	07/21
American Society of Microbiology ASM Microbe 2021	06/21
MD Anderson Cancer Center 2021 Internal Medicine Research Retreat	06/21
Cedars Sinai Medical Center Association for Women in Science Seminar Series	05/21
New York University BioDiverse Stories	05/21
Boston University & Boston Medical Center Infectious Diseases Grand Rounds	04/21
Creative and Performing Arts Academy College-and-Career Readiness Series	04/21
Durham Technical Community College Science Seminar Series	04/21
Florida A&M University, College of Pharmacy and Pharmaceutical Sciences 2021 Spring Semester Seminar Series	04/21
Monroe College - School of Criminal Justice Invited Lecture	04/21
North Carolina Central University Department of Biological and Biomedical Sciences Seminar	04/21
Arizona Biomedical Research Centre “Predicting and Responding to Emerging Viruses and Pandemics” Symposium	03/21
Bard Prison Initiative Invited Lecture	03/21
Mount Sinai Icahn School of Medicine at Mount Sinai Department of Microbiology Seminar Series	03/21
North Carolina Agricultural and Technical University Invited Lecture	03/21
University of Nevada, Reno “COVID-19 Heroes” Lecture Series	03/21
University of North Carolina at Chapel Hill Distinguished Alumni Lecture	03/21
Albert Einstein College of Medicine Marie Daly Lecture	02/21
Association for the Advancement of Artificial Intelligence's International Conference AI for COVID-19 Panel	02/21
Harvard Medical School Department of Microbiology Seminar	02/21
New York University Marie M. Daly Seminar Series	02/21
Queens Public Library Black Health and Healing Summit	02/21
University of Texas Southwestern Annual Women in Science and Medicine Lecture	02/21
William Paterson University Women in Science and Engineering (WISE) Program Seminar	02/21
Andrews University Chemistry & Biochemistry Guest Lecture	01/21
California Institute of Technology General Biology Seminar	01/21
Chinese Alumni Associations of Greater Washington (CAAGW) Invited Seminar	01/21
The Johns Hopkins University Special Seminar and “Community Forum on with Dr. Kizzmekia Corbett”	01/21
University of Oklahoma Department of Microbiology and Plant Biology Seminar	01/21
Yale University Intersections Science Fellows Symposium	01/21
Columbia University Virtual COVID-19 Symposium	12/20
University of Washington Biochemistry Department Seminar Series	12/20
Annual Biomedical Research Conference for Minority Students (ABRCMS)	11/20
Cornell University Rising Stars Program	11/20
Massachusetts Institute of Technology “SARS-CoV-2, COVID-19 and the Pandemic” Course	11/20
North Carolina State University Molecular Biotechnology Training Program Annual Symposium	11/20
Rutgers University Molecular Biosciences Graduate Student Organization Symposium	11/20
University of Maryland, College Park Virology Program Retreat	11/20
University of Richmond Department of Biology Seminar	11/20
Winston-Salem State University Scholarship - Research - Innovation Seminar Series	11/20
American Physician Scientist Association South Atlantic Regional Meeting	10/20
Black Health Matters Summit	10/20
Duke University Human Vaccine Institute Virtual Happy Hour	10/20

Human Vaccines Project Global COVID Lab Meeting	10/20
Spelman University Women in Science Seminar Series	10/20
University of Maryland “Frontiers in Vaccinology” Lecture	10/20
American Society of Gene and Cell Therapy COVID Seminar Series	09/20
Harvard School of Public Health Department of Microbiology and Infectious Diseases Seminar	09/20
Howard Hughes Medical Institute (HHMI) Annual Gilliam Fellows Meeting	09/20
National Heart Lung and Blood Institute Seminar	09/20
University of North Carolina at Chapel Hill Department of Microbiology and Immunology Seminar	09/20
American Thoracic Society Assembly on Allergy, Immunology & Inflammation	08/20
University of Maryland, Baltimore County Meyerhoff Graduate Fellows Program Annual Retreat	08/20
University of Texas Health Science Center at San Antonio Doctoral Candidacy Ceremony	08/20
American Association for Cancer Research Virtual Meeting on COVID-19 and Cancer	07/20
Cold Spring Harbor Laboratories COVID Rapid Research Reports Conference	07/20
COVID-19 International Research Team Symposium	06/20
Keystone Symposium Vaccinology in the Age of Pandemics	06/20
National Dental Association Convention	06/20
University of California, San Francisco ImmunoXX+ Symposium	06/20
University of North Carolina Gillings School of Public Health Inclusive Excellence Series	06/20
American Association for the Advancement of Science (AAAS) Emerging Researchers National Conference	05/20
National Institutes of Health (NIH) Virology Interest Group Seminar	05/20
Fierce Pharma “The Race to Develop a Vaccine for COVID-19”	03/20
Howard University “BIOL200 Genetics” Course	02/20
Howard University Department of Biology Lecture Series	02/20
Uniform Health Services University Pediatrics Grand Rounds	02/20
National Institutes of Health (NIH) Immunology Interest Group Seminar Series	06/19
University of North Carolina at Chapel Hill Initiative for Maximizing Student Diversity Research Symposium	06/19 10/16
National Institutes of Health (NIH) UGSP “Discussion with a Scientist” Seminar Series	06/18 07/16
Bowie State University Natural Sciences Seminar Series	05/18
Washington University in St. Louis Pulmonary Research Conference	05/18
National Foundation of Infectious Diseases Annual Conference on Vaccinology	04/18
Massachusetts Institute of Technology Rising Stars in Biomedical	11/17
National Student Leadership Conference	07/17
University of Kansas School of Engineering Department of Bioengineering	06/17
University of Maryland, Baltimore County Meyerhoff Summer Bridge “Intro to Research” Seminar Series	06/16
Allergy and Immunology Society of Sri Lanka	05/14
Long Island University Minority Biomedical Research Support RISE Seminar Series	10/11

SCIENTIFIC MEETINGS

National Institutes of Allergy of Infectious Diseases (NIAID) 13 th Annual Fellows Workshop Poster Presentation	11/19
Rochester Institute of Technology Future Faculty Program Oral Presentation	09/19
Keystone Symposium Positive-Strand RNA Viruses Oral Presentation	06/19
National Institutes of Health (NIH) Future Research Leaders Conference Oral Presentation	05/19
Keystone Symposium Framing the Response to Emerging Virus Infections Online Oral Presentation	10/18
XIVth International Nidovirus Symposium Oral Presentation	06/17
Keystone Symposium Translational Vaccinology for Global Health Oral Presentation	10/16
American Society of Tropical Medicine and Hygiene Annual Meeting Oral Presentation	11/13 11/12
Third Pan-American Dengue Research Network Meeting Oral Presentation	09/12
Keystone Symposium Viral Immunity Poster Presentation	04/12 04/10
Twelfth Annual Conference on Vaccine Research Poster Presentation	04/09
Sixth International Respiratory Syncytial Virus Symposium Oral Presentation	10/07
Annual Biomedical Research Conference for Minority Students (ABRCMS) Poster Presentation	11/05

SCHOLARSHIPS & FELLOWSHIPS

date awarded

Future of Science Travel Award Keystone Symposia	10/18
Travel Award XIVth International Nidovirus Symposium	06/17

2018 Keystone Symposia Fellowship	04/17
Travel Award STEM Women of Color Conclave	09/16 06/15
Tuition Scholarship STEM Leadership Academy	09/16
Judges' Travel Subsidy Annual Biomedical Research Conference for Minority Students (ABRCMS)	11/15
Off-Campus Dissertation Fellowship University of North Carolina at Chapel Hill	01/14
Travel Award Coalition for Life Sciences Capitol Hill Day	06/14
Group Travel Award University of North Carolina at Chapel Hill Graduate and Professional Student Federation	11/12
Travel Award Third Pan-American Dengue Research Network Meeting	09/12
National Institute of General Medical Sciences Training Program Scholarship Keystone Viral Immunity Symposium	05/12
Virology Training Grant University of North Carolina at Chapel Hill	09/10
Director's Scholarship University of North Carolina at Chapel Hill	08/09
Doctoral Merit Award University of North Carolina at Chapel Hill	08/09
Initiative for Maximizing Student Diversity (IMSD) Fellowship University of North Carolina at Chapel Hill	08/09
Intramural Research Training Award National Institutes of Health (NIH)	01/08
Undergraduate Scholarship Program (UGSP) National Institutes of Health (NIH)	05/05
Robert and Jane Meyerhoff Scholarship University of Maryland, Baltimore County	05/04

HONORS & AWARDS

date awarded

Benjamin Franklin Next Gen Award The Franklin Institute	04/21
Game Changer Award Prince George's County Chapter of The Links Inc. and Jack and Jill of America	04/21
African Americans in Health Care Award Kaiser Permanente	02/21
Hall of FAME Honoree City of Los Angeles	02/21
Key of Life Award National Association for the Advancement of Colored People	02/21
Keep Hope Alive Award Rainbow PUSH Coalition	02/21
Measure of a Person Award Washington Inter-Alumni Council of the United Negro College Fund	01/21
Proclamation: "Dr. Kizzmekia 'Kizzy' Day" – January 12, 2021 Town of Hillsborough Board of Commissioners	01/21
Proclamation: "Dr. Kizzmekia 'Kizzy' Day" – January 20, 2021 Orange County Board of Commissioners	01/21
Proclamation: "Dr. Kizzmekia 'Kizzy' Day" – January 26, 2021 Carrboro Town Council	01/21
Bloomberg 50 List Bloomberg Business Week	12/20
The Golden Goose Award American Association for the Advancement of Science (AAAS)	12/20
Women in BioPharma 2020 Endpoint News	12/20
NIAID Merit Award NHP COVID Vaccine Core	11/20
NIAID Merit Award Phase 1 Clinical Serology	11/20
NIAID Merit Award Preclinical Data from Mice Team	11/20
NIAID Merit Award SARS-CoV-2 mRNA Vaccine Team	11/20
Salzman Memorial Award in Virology Foundation for National Institutes of Health	11/20
Theodore Roosevelt Government Leadership Award Government Executive Media Group	10/20
Distinguished 400 Award 400 Years of African American History Commission	09/20
Early Career Applied and Biotechnological Research Award American Society for Microbiology	08/20
"New Voices of the Year Breakthrough" Award BlogHer	06/20
Informal Recognition Award National Institutes of Allergy and Infectious Diseases (NIAID)	07/17
Summer Mentor Award National Institutes of Health (NIH)	06/17 06/16
Frank Porter Graham Honor Society University of North Carolina at Chapel Hill	04/14
Research Initiative for Scientific Advancement Honor Long Island University	10/11
Office of AIDS Research Recognition National Institutes of Health (NIH)	06/06
National Society of Collegiate Scholars University of Maryland, Baltimore County	12/05
Poster Presentation Award Annual Biomedical Research Conference for Minority Students	11/05

LABORATORY MENTEES

Postdoctoral Fellow NIH Intramural Research Training Award Nisreen Okba	start date: 04/21
Postbaccalaureate Fellow NIH Intramural Research Training Award Anne Werner	05/20 – current
Postbaccalaureate Fellow NIH Intramural Research Training Award Olubukola Abiona	08/17 – current
Postbaccalaureate Fellow NIH Intramural Research Training Award Geoffrey Hutchinson	02/17 – 08/20
Postbaccalaureate Fellow NIH Intramural Research Training Award Cynthia Ziwawo	07/19 – 06/20

Rising Undergraduate Senior NIH Summer Internship Program Anne Werner	06/19 – 08/19
Visiting Professor Israel Institute for Biological Research Osnat Rosen, PhD	07/17 – 07/18
Rising Undergraduate Freshman NIH HiStep2.0 Program Heven Haile	06/17 – 08/17
Rising Undergraduate Freshman NIH HiStep2.0 Program Benjamin Cabrera	06/16 – 08/16
High School Student North Carolina School of Science and Mathematics Tony Li	11/12 – 05/13
Undergraduate Student University of North Carolina at Chapel Hill Jennifer Wintringham	08/11 – 05/12

TEACHING ASSISTANTSHIPS

Medical Microbiology Laboratory (for undergraduate pre-med majors) UNC	08/11 – 12/11
Microbiology Laboratory (for second year dental students) UNC	01/11 – 05/11
Concepts of Biology Laboratory (for undergraduate biology students) UMBC	09/06 – 05/08

SCHOLASTIC EXTRACURRICULAR ACTIVITIES

American Chemical Society Member	04/20 - current
National Institutes of Health Fellows Committee Service and Outreach Committee	02/19 – 01/21
National Institutes of Health Fellows Committee Vaccine Research Center Representative	01/19 – 01/21
North Carolina Association of Student Governments University of North Carolina at Chapel Hill Delegate	05/13 – 12/13
University of North Carolina at Chapel Hill Student Fee Audit Committee Graduate Appointee	05/13 – 12/13
University of North Carolina at Chapel Hill Honor System Attorney's General Staff	10/12 – 12/13
University of North Carolina at Chapel Hill Student Congress Ethics Committee	08/13 – 12/13
University of North Carolina at Chapel Hill Student Congress Oversight and Advocacy Committee	10/12 – 12/13
University of Maryland, Baltimore County Biology Council of Majors Member	01/06 – 05/08

SERVICE & OUTREACH

California Black Health Network (CBHN) Health Equity Forum Panelist	05/21
Her Unconventional Exploits Inc. Guest Speaker	04/21
National Heart Lung and Blood Institute Mishoe Fellows Brown Bag Lunch Guest Speaker	04/21
Towson University Spring 2021 Virology Course Interview with Professor Barry Marguiles	04/21
North Carolina School of Science and Mathematics COVID-19 Symposium Panelist	03/21
Oregon Health Authority Community Forum Panelist	03/21
Emory United Methodist Church COVID-19 Vaccine Townhall Panelist	02/21
Huston-Tillotson University Pandemic Vaccine Roll Out in the African American Community Panelist	02/21
Orange County Agricultural Summit Guest Speaker	02/21
Black Coalition Against COVID "MAKING IT PLAIN: COVI19, Vaccines and Black America Panelist	01/21
Grapevine Health Live Interview with Dr. Kizzmekia Corbett	01/21
Hot 97/WBLS COVID-19 Back the Vaccine Townhall Panelist	01/21
Minority Health Institute COVID-19 Vaccination: It Matters in Saving Black Lives Virtual Town Hall Panelist	01/21
Schmidt Futures & Social Science Research Council Forum on Preparedness: Trust and Vaccine Hesitancy Panelist	01/21
T.D. Jakes Ministries COVID-19 Panel with Dr. Fauci Panelist	01/21
The Church at the Well COVID-19 Vaccine Interview with Pastor Kia Moore	01/21
Alpha Phi Alpha Fraternity, Inc. The African American Community and COVID 19 Vaccine Webinar Panelist	12/20
Florida Community Engagement Alliance Against COVID-19 Disparities Virtual Town Hall Panelist	12/20
Friendship West Baptist Church COVID-19 Vaccine Interview with Pastor Dr. Frederick Haynes III	12/20
The Links and National Medical Association COVID-19 Town Hall: Clinical Trials and the Black Community	11/20
National Association for the Advancement of Colored People Virtual Town Hall Panelist	12/20
National Medical Association Discussion with Black Health Professionals Panelist	11/20
Cox Communications Impact "From the Frontline: Coronavirus, Global Health, and the Power of Partnership" Panelist	10/20
Techbridge Girls Conference Guest Speaker	10/20
The Black Idea Coalition National Clergy Forum - African American Participation in Covid-19 Vaccine Trials Panelist	10/20
New York Academy of Sciences "The Evolution of Research Culture" Panelist	10/20
STEMCX and Reginald Lewis Museum Virtual Science Workshop Panelist	10/20
Black in Microbiology Week Panelist	09/20
Congressional Black Caucus Annual Legislative Conference Panelist	09/20
Jack and Jill "Meet a Scientist" Webinar Guest Speaker	09/20

Congressional Black Caucus “Role of Black Scientists in the Elimination of COVID” Town Hall Panelist	08/20
HUE Tech Summit Guest Speaker	08/20
National Institutes of Health (NIH) Office of Research on Women’s Health Live Panel Panelist	08/20
Smithsonian National Museum of African American History and Culture Career Conversations Panelist	08/20
American Museum of Natural History COVID-19 Roundtable Discussion Panelist	07/20
Leadership Alliance National Symposium Career Development Workshop Guest Speaker	07/20
North Carolina Career and Technical Education Secondary Teachers Conference Guest Speaker	07/20
Science/American Association for the Advancement of Science (AAAS) COVID-19 Vaccine Discussion Panelist	07/20
National Dental Association “COVID” Panelist	06/20
Society for Scientific Advancement “Careers in Biomedical Research” Panelist	06/20
White House Coronavirus Task Force Roundtable Briefing on Coronavirus Panelist	06/20
Nia House Montessori School, Nashville TN “What is a Virus?” Guest Speaker	05/20
Mt. Calvary Baptist Church, Rockville MD “How a Coronavirus Vaccine Will Work...” Guest Speaker	03/20
White House Presidential Briefing on Coronavirus Panelist	03/20
Cesar Chavez Public Charter Schools for Public Policy Guest Speaker	02/20
National Institutes of Health (NIH) Graduate Student Research Symposium Judge	02/20 02/18 01/17 01/16
National Institute of Diabetes and Digestive and Kidney Diseases Presentation Judge	07/19 07/18 08/17 08/16 08/15
University of North Carolina at Chapel Hill “Diversity in STEM Careers” Panelist	06/19
National Institutes of Health (NIH) Postbac Poster Day Lead Judge	05/19 05/17 04/16 04/15
National Institutes of Health (NIH) Fellows Award for Research Excellence Judge	04/19
Universities at Shady Grove “Lunch with a Scientist” Panelist	04/19
Howard University Research Symposium Presentation Judge	04/18 04/16
Meyerhoff Scholarship Program Selection Committee	03/18 03/17 03/15
NIAID Division of Microbiology and Infectious Diseases “Diversity in the Sciences” Panelist	02/18
National Institute of Allergy and Infectious Diseases (NIAID) “Experiences from the Front Line – Postdoc” Panelist	10/17
National Institutes of Health (NIH) “Careers in Biomedical Research” Panelist	10/17 07/16
University of Maryland, Baltimore Country “Meyerhoff Alumni Perspectives” Panelist	03/17
Coalition for Life Sciences Capitol Hill Day Science Policy Advocate	09/16 04/13
University of Maryland, Baltimore County “Gender-Specific Difficulties of a STEM Career” Panelist	07/16
Mentoring in Medicine, Inc. “Lunch with a Scientist” Panelist	05/16
William Beanes Elementary School, Suitland MD STEM Fair Judge	12/15
United Negro College Fund/Merck Grant Reader and Selection Committee – Graduate Student Level	04/15
North Carolina Student Academy of Science NC Science and Engineering Fair Judge	04/13
North Carolina State Advocacy Day Graduate Education Advocate	02/13
East Chapel Hill High School, Chapel Hill NC “Why I Chose a STEM Career” Panelist	10/12
Long Island University “Applying to Graduate School” Panelist	10/11
National Institutes of Health (NIH) “What to Expect in Your First Year of Graduate School” Panelist	05/10
Catonsville High School, Catonsville MD Rising Scholars Tutors Program Coordinator	01/08

CONTINUING EDUCATION

TECH498 - Leadership Strategies in Biomedical Sciences Foundation for Advanced Education in the Sciences	03/20
STEM Leadership Academy Fielding Graduate University	09/16
Short Course for Emerging Leaders in Medical Virology Global Virus Network	07/15

PRESS/MEDIA

1. “V-103 Atlanta Radio with Big Tigger”. Live Interview. 15 February 2021.
2. “CBS This Morning” by Michelle Miller for *CBS*. Taped Interview. 09 January 2021.
3. “Black scientist who helped develop COVID-19 vaccine attends inoculation of Rev. Jesse Jackson” by Maudlyne Ihejirika for *Chicago Sun Times*. 08 January 2020
4. *Featured in*: “These 10 North Carolinians have made major contributions to the state and beyond in 2020.” *The News & Observer*. 23 December 2020.

5. “They spent 12 years solving a puzzle. It yielded the first COVID-19 vaccines.” by Jillian Kramer for National Geographic. 31 December 2020. Excerpt: “Ultimately, experiments in animal models showed the MERS vaccine was successful, says Kizzmekia Corbett...”
6. *Featured in*: “1000 Inspiring Black Scientists in America.” Cell Mentor. 28 December 2020.
7. “The Shot: Race for the Vaccine - A Special Edition of 20/20.” *ABC*. Taped Interview. 14 December 2020.
8. “CNN Podcast: Vaccine Warrior Kizzmekia Corbett.” Podcast Interview. 10 December 2020.
9. “EPIDEMIC with Celine Gounder. S1E53 / The Vaccines are Coming / Kizzmekia Corbett, Sree Chaguturu and Julie Rosenberg.” Podcast Interview. 05 December 2020.
10. “TWiV 670: Coronavirus vaccine preparedness with Kizzmekia Corbett.” Podcast Interview. 8 October 2020.
11. “Black Microbiologists Push for Visibility Amid a Pandemic.” by Katherine Wu for *The New York Times*. 28 September 2020. Excerpt: “Black in Microbiology, Black in Neuro and all the others are pivotal for visibility to younger generations of scientists and to people who have said or thought that this talent pool just does not exist,” said Kizzmekia Corbett...
12. “50 Health Experts to Follow in a Pandemic” by *Elemental*. 18 September 2020.
13. “Kizzmekia Corbett is Working on a Vaccine for COVID-19. She’s Using Both Science and Faith to Do So.” by Courtland Milloy for *The Washington Post*. 19 August 2020.
14. “Alumna Leads Team to Breakthrough Coronavirus Vaccine Results” by Sarah Hansen for *UMBC Magazine*. 6 August 2020.
15. “This Young, Black, Female Scientist from NC Leads Efforts to Find a COVID-19 Vaccine.” by Kate Murphy for *The News & Observer*. 26 June 2020. Excerpt: “Corbett has been heading the basic research and analyzing the pre-clinical data that’s been fundamental for developing and testing a vaccine for COVID-19.”
16. “Dr. Kizzmekia Corbett — The Novel Coronavirus Vaccine” Speaking of Science by *NIH IRP*. Radio Interview. 21 May 2020.
17. “Decoding COVID-19” by NOVA for *PBS*. Taped Interview. 13 May 2020.
18. “CBS This Morning” by Jon Lapook for *CBS*. Taped Interview. 12 May 2020.
19. “Chasing A Cure: NIH Scientist Kizzmekia Corbett Works to Find A Vaccine to End Coronavirus” by Madison J. Gray for *BET News*. 30 April 2020.
20. “AC360” by Anderson Cooper and Sanjay Gupta for *CNN*. Live Interview. 14 April 2020.
21. “Working on Coronavirus Vaccine Trials, Kizzmekia Corbett is 'Not Your Average' Scientist.” by Janell Ross for NBC News. 12 April 2020.
22. “Scientists Rush to Find Coronavirus Cure—but It Still Isn’t Fast Enough.” by Joseph Walker, Peter Loftus and, Jared S. Hopkins for *The Wall Street Journal*. 6 April 2020. Excerpt: “Dr. Corbett is a researcher at the National Institute of Allergy and Infectious Diseases, or NIAID. For years, she and colleagues have braced for a pandemic.”
23. “UMBC Grad Leads Fight Against Virus.” by Mark Smith for *The Business Monthly*. 2 April 2020. Excerpt: “Today, Corbett’s knowledge is used to interpret and direct information. ‘All told, I do the science,’ she said.”
24. “Prior to COVID-19, Dr. Kizzmekia S. Corbett Was Formulating Success as a Black Woman in Science.” by Lydia Blanco for *Black Enterprise*. 2 April 2020.
25. “Interview with Dr. Kizzmekia S. Corbett” *The Tarhelium*. Volume 50, Issue 4. April 2020.
26. “Morning Goods with Madelyne Woods” Radio Interview (live) on *WOL-AM 1450*. 30 March 2020.
27. “From Bats to Human Lungs, the Evolution of a Coronavirus” by Carolyn Kormann for *The New Yorker*. 27 March 2020. Excerpt: “While the first sars virus attached to the ACE-2 receptor, as well, sars-CoV-2 binds to it ten times more efficiently, Kizzmekia Corbett, the scientific lead of the coronavirus program at the National Institutes of Health Vaccine Research Center, told me.”
28. “Record Pace of Coronavirus Trials Could Be New Normal for Vaccines.” by Jeannie Baumann for *Bloomberg News*. 19 March 2020. Excerpt: “I think that this could be the new norm,” Corbett, scientific lead for coronavirus vaccines team at NIAID, said of a 100-day timeline.

29. “Behind the Scenes, Scientists prep for COVID-19 Vaccine Test.” by Lauren Neergaard for *Associated Press*. 8 Mar 2020. Excerpt: “Corbett says the work couldn’t have moved so quickly had it not been for years of behind-the-scenes lab testing of a possible MERS vaccine that works the same way.”
30. “UMBC Alumnae Racing to Develop Coronavirus Vaccine” by Sarah Hansen for *UMBC Magazine*. 02 Mar 2020. Excerpt: “Kizzmekia Corbett ’08, M16, biological sciences, says it feels like she’s ‘living in a constant adrenaline rush.’ Maybe that’s because she and her team at the Vaccine Research Center at the National Institute of Allergy and Infectious Diseases have been working around the clock for weeks.”
31. “ACS Project SEED Alum Helps Lead the Fight Against Coronavirus.” by ACS News. 25 February 2020. Excerpt: “As a senior research fellow at the National Institutes of Health, Kizzmekia Corbett is a key player in the global race to develop a vaccine to combat the coronavirus (SARS-CoV-2).”
32. “NIH Lab Races to Create Coronavirus Vaccine in Record Time.” by Rob Stein for Morning Edition. *NPR*. Radio Interview. 21 February 2020.
33. “Insights on COVID-19 Vaccine, mAb Development from Spike Protein Structure” by Sandi Wong for *BioCentury*. 20 February 2020. Excerpt: “Kizzmekia Corbett, scientific lead of the coronavirus team at VRC, told BioCentury the team previously used this method to uncover the prefusion structure of the Middle East respiratory syndrome coronavirus (MERS-CoV) spike...”
34. “She Has Our Back: Vaccine Push Has Local Connection” By Dale Edwards for *News of Orange*. 19 February 2020. Excerpt: “With the recent daily concerns — and panic — over the Novel Coronavirus, it’s reassuring to know people like Dr. Kizzmekia Corbett at the National Institutes of Allergy and Infectious Diseases at the National Institutes of Health, are tirelessly working to find ways to help.
35. “Lab 023: Don’t Pass the Coronavirus” Dope Labs Podcast by *Spotify Studios*. Radio Interview. 6 February 2020.
36. “NIAID Soundbites: Novel Coronavirus Vaccine Research” National Institute of Allergy and Infectious Diseases. 31 January 2020. <https://www.youtube.com/watch?v=cFyXEJWqdCc&t=17s>
37. “Researchers Make Strides in Race to Create Coronavirus Vaccine.” by Peter Beaumont for *The Guardian*. 1 February 2020. Excerpt: “Corbett said that since the release of the Chinese sequence on 10 January, her team had been working around the clock to produce a stable version of the key protein that would prompt a strong antibody defense to prevent the virus entering the body.”
38. “Researchers Are Racing to Make a Coronavirus Vaccine. Will It Help?” by Knavul Sheikh and Katie Thomas for *The New York Times*. 29 January 2020. Excerpt: “They used the template for the SARS vaccine and swapped in just enough genetic code that would make it work for the new virus. ‘I call it plug and play,’ Dr. Corbett said.”
39. “Corbett Continues Quest for Dengue Fever Vaccine” *UNC Global*. UNC School of Medicine. Web. 14 February 2014.