



**Για μια δίκαιη και αποτελεσματική αντιμετώπιση της COVID-19: Ανοιχτή επιστολή στον αντιπρόεδρο Μαικ Πενς, και άλλους Ομοσπονδιακούς, Πολιτειακούς και Τοπικούς αρχηγούς από ειδικούς της Δημόσιας Υγείας και νομικούς στις ΗΠΑ**

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Η συνεχιζόμενη μετάδοση από άνθρωπο σε άνθρωπο του νέου κορωνοϊού στις Ηνωμένες Πολιτείες (ΗΠΑ) φαίνεται σήμερα αναπόφευκτη. Η έκταση και οι επιπτώσεις της έξαρσης της επιδημίας στις ΗΠΑ είναι δύσκολο να προβλεφθούν και θα εξαρτηθούν σημαντικά από το πώς θα αντιδράσουν οι ηγέτες και όσοι εμπλακούν στο σχεδιασμό της αντιμετώπισης. Θα εξαρτηθεί ιδιαίτερα από το αν υπάρχει επαρκής χρηματοδότηση και υποστήριξη για την αντιμετώπιση: δίκαιη και αποτελεσματική διαχείριση των υπεραυξημένων αναγκών του συστήματος υγείας, προσεκτικός και βάσει επιστημονικών δεδομένων περιορισμός του δημόσιου φόβου, και απαραίτητη υποστήριξη και πόροι για σωστό και αποτελεσματικό έλεγχο της λοίμωξης.

Μια επιτυχημένη αμερικανική απάντηση στην πανδημία COVID-19 απαιτείται να προστατεύει την υγεία και τα ανθρώπινα δικαιώματα όλων στις ΗΠΑ. Μια από τις μεγαλύτερες προκλήσεις είναι να διασφαλιστεί ότι τα βάρη της COVID-19 -και τα μέτρα μας για την αντιμετώπισή της - δε θα επιβαρύνουν άδικα τα μέλη της κοινωνίας που είναι περισσότερο ευάλωτα λόγω της οικονομικής και κοινωνικής τους θέσης, ή της κατάστασης της υγείας τους.

Γράφουμε ως ειδικοί στα θέματα της δημόσιας υγείας, του δικαίου και των ανθρωπίνων δικαιωμάτων, με εμπειρία στη διαχείριση προηγούμενων πανδημιών, ώστε να περιγράψουμε αρχές και πρακτικές οι οποίες θα έπρεπε να καθοδηγούν τις προσπάθειες ενάντια στην COVID-19 στις ΗΠΑ. Κρίνεται ζωτικής σημασίας όλοι οι φορείς, δημόσιοι και ιδιωτικοί, να δώσουν απαντήσεις στα παρακάτω κρίσιμα ζητήματα μέσω νέων ρυθμίσεων από νομοθετικά σώματα και επιμέρους ιδρύματα, ηγετικών πρωτοβουλιών και πρόσθετων δαπανών.

**ΕΞΑΣΦΑΛΙΣΗ ΕΠΑΡΚΟΥΣ ΧΡΗΜΑΤΟΔΟΤΗΣΗΣ ΚΑΙ ΥΠΟΣΤΗΡΙΞΗΣ ΓΙΑ ΤΗΝ ΑΝΤΙΜΕΤΩΠΙΣΗ ΤΗΣ ΕΠΙΔΗΜΙΑΣ**

• **Ομοσπονδιακές, πολιτειακές και τοπικές διοικήσεις οφείλουν να δράσουν άμεσα ώστε να διανεμούν κονδύλια που θα διασφαλίζουν τη λήψη όλων των αναγκαίων μέτρων και την ικανοποίηση των βασικών ανθρωπίνων αναγκών κατά την εξέλιξη της επιδημίας.** Ο περιορισμός των επιπτώσεων της COVID-19 θα είναι κοστοβόρος. Άνιση κατανομή πόρων θα θέσει σε κίνδυνο συλλογικές προσπάθειες ελέγχου και θα οδηγήσει σε περιττή ταλαιπωρία και θάνατο. Πρέπει να φτιαχτεί από το Κογκρέσο και να υπογραφεί από τον Πρόεδρο μια έκτακτη δαπάνη για τον έλεγχο της επιδημίας, με ταχεία εκταμίευση των χρημάτων προς πολιτειακούς και τοπικούς διαχειριστές που βρίσκονται στην πρώτη γραμμή της αντιμετώπισης. Επιπλέον, αυτά πρέπει να είναι νέα κονδύλια που δεν θα αφαιρεθούν από τα υπάρχοντα προγράμματα υγείας, ασφαλίσεων και κοινωνικών υπηρεσιών, τα οποία είναι ζωτικής σημασίας για την προστασία της δημόσιας υγείας μακροπρόθεσμα.

• Η ομοσπονδιακή κυβέρνηση και οι ομοσπονδιακές, τοπικές και πολιτειακές υπηρεσίες οφείλουν να διασφαλίσουν ότι οι κυβερνητικές δραστηριότητες κατά τη διάρκεια της επιδημίας θα συνεχίσουν να παρέχουν δημόσιες υπηρεσίες σε όσους τις έχουν ανάγκη. Η κυβέρνηση οφείλει να έχει ένα καλά συγκροτημένο σχέδιο ώστε οι επιχειρήσεις της να συνεχίσουν να λειτουργούν σε περίπτωση έλλειψης προσωπικού. Πρέπει να δοθεί προτεραιότητα στις ζωτικής σημασίας υπηρεσίες και υποστήριξη στο κοινό, να διασφαλιστεί, για παράδειγμα, ότι οι υπηρεσίες πρόνοιας και τα βοηθήματα για βετεράνους και άλλους δε θα διακοπούν.

#### **ΔΙΑΧΕΙΡΙΣΗ ΤΩΝ ΥΠΕΡΑΥΞΗΜΕΝΩΝ ΑΝΑΓΚΩΝ ΤΟΥ ΣΥΣΤΗΜΑΤΟΣ ΥΓΕΙΑΣ ΚΑΙ ΔΙΑΣΦΑΛΙΣΗ ΤΗΣ ΠΡΟΣΤΑΣΙΑΣ ΤΩΝ ΑΣΘΕΝΩΝ ΚΑΙ ΤΟΥ ΥΓΕΙΟΝΟΜΙΚΟΥ ΠΡΟΣΩΠΙΚΟΥ**

• Το σύστημα υγείας μας θα αντιμετωπίσει σοβαρή επιβάρυνση, σε οποιοδήποτε πιθανό σενάριο. Τα νοσοκομεία πρέπει να λάβουν απευθείας χρηματοδότηση και επαρκείς πόρους για βελτίωση και αύξηση της χωρητικότητας, ώστε να διαχειριστούν την πρώτη γραμμή της απάντησης. Ιδιαίτερη προσοχή και χρηματοδότηση πρέπει επίσης να δοθεί στις δομές πρωτοβάθμιας υγείας και στα τοπικά κέντρα υγείας, ιδίως σε εκείνα που είναι και σήμερα υποχρηματοδοτούμενα, ακόμα και κάτω από φυσιολογικές περιστάσεις. Αυτοί οι πρώτης γραμμής χώροι παροχής υπηρεσιών υγείας πρέπει να λειτουργήσουν σαν εμπροσθοφυλακή ώστε να αποφευχθεί η υπερφόρτωση των τριτοβάθμιων νοσοκομείων και άλλων δομών αντιμετώπισης οξέων περιστατικών και πρέπει να υποστηριχθούν ώστε να μπορέσουν να εκπληρώσουν αυτό τον κρίσιμο ρόλο.

• Οι υγειονομικοί υπάλληλοι και το δυναμικό παροχής πρώτων βοηθειών θα έχουν κρίσιμο ρόλο στην απάντηση. Πρέπει να διασφαλίσουμε την ασφάλειά τους και να τους παρέχουμε σωστές εργασιακές συνθήκες. Οι υγειονομικοί υπάλληλοι πρέπει, για παράδειγμα,, να έχουν επαρκή προστατευτικό εξοπλισμό, να δικαιούνται λογικό χρόνο ανάπαυλας και να προστατεύονται από διακρίσεις που θα προκύψουν λόγω της επαφής τους με τα άτομα που νοσούν.

• Οι δομές υγείας πρέπει να είναι χώροι ασφαλείς από την επιβολή μεταναστευτικών πολιτικών, έτσι ώστε το αν είναι κάποιος μετανάστης να μην τον εμποδίζει να αναζητήσει περίθαλψη, ανεξάρτητα από το αν έχει χαρτιά. Η αντιμετώπιση της COVID-19 δεν πρέπει να συνδεθεί κατά κανέναν τρόπο με την επιβολή μεταναστευτικής πολιτικής. Θα υπονομευτούν τόσο η ατομική όσο και συλλογική υγεία, αν κάθε άτομο δε νιώθει ασφαλές να χρησιμοποιήσει υπηρεσίες περίθαλψης και να ανταποκριθεί στις έρευνες των στελεχών υπηρεσιών υγείας, όπως για παράδειγμα κατά τη διάρκεια ανίχνευσης επαφών. Αντίστοιχες ελεύθερες ζώνες από την επιβολή του νόμου έχουν ανακηρυχθεί κατά τη διάρκεια τυφώνων και άλλων καταστάσεων έκτακτης ανάγκης, συμπεριλαμβανομένων των τρομοκρατικών χτυπημάτων της 11ης Σεπτεμβρίου. Αυτοί οι κανονισμοί πρέπει να εκφραστούν με σαφή και αναντίρρητο τρόπο στο κοινό από τις ομοσπονδιακές, πολιτειακές και τοπικές αρχές.

• Όσοι ασχοληθούν με τον σχεδιασμό μέτρων, θα πρέπει να συνεργαστούν απευθείας με τις ασφαλιστικές εταιρείες ώστε να επιτραπεί σε όλους τους ανασφάλιστους να ακολουθήσουν πιστά τις συστάσεις δημόσιας υγείας. Θα είναι καίριας σημασίας η χάραξη της πολιτικής να διασφαλίσει ευρεία και οικονομικά ανεκτή πρόσβαση στους ελέγχους (tests), που θα συμπεριλαμβάνει και τους ανασφάλιστους. Οι προσπάθειες ελέγχου θα είναι λιγότερο αποδοτικές αν κάποιος αδυνατούν να αναζητήσουν σωστή διάγνωση ή περίθαλψη λόγω υπέρογκου κόστους ή συμμετοχής. Οι εκτός δικτύου ή άλλες ασφαλιστικές παροχές δεν μπορεί να επιτραπεί να διαταράξουν την τοπική διαλογή και το σχεδιασμό κατανομής ασθενών.

• Αν αναπτυχθούν θεραπείες ή εμβόλια, πρέπει κατοχυρωθεί νομικά ότι θα είναι οικονομικά και προσβάσιμα σε όλους.

• **Άνθρωποι που ενοικούν σε κλειστά οικοδομικά τετράγωνα είναι ιδιαίτερα ευπαθείς στην COVID-19 και θα χρειαστούν ιδιαίτερη προσοχή, τόσο για να ελαχιστοποιηθεί η μεταδοτικότητα όσο και για να καλυφθούν οι υγειονομικές τους ανάγκες σε συνθήκες έξαρσης.** Οι πληθυσμοί αυτοί περιλαμβάνουν όσους ζουν σε οίκους ευγηρίας και άλλες δομές υψηλού συγχρωτισμού· κρατούμενους σε φυλακές και άλλα κέντρα κράτησης μαζί με τους σωφρονιστικούς υπαλλήλους και λοιπό προσωπικό· τους άστεγους που ζουν στους δρόμους ή σε δομές φιλοξενίας αστέγων.

• **Τα άλλα κρίσιμα προγράμματα υπηρεσιών υγείας πρέπει να διατηρηθούν κατά τη διάρκεια της κρίσης.** Η διατήρηση της υγείας των χρονίως πασχόντων εξαρτάται από τη συνεχιζόμενη περίθαλψη. Είτε πρόκειται για αιμοκάθαρση σε νεφροπαθείς, χημειοθεραπεία σε καρκινοπαθείς είτε για θεραπεία με αγωνιστές οπιοειδών για διαταραχή χρήσης οπιοειδών, τυχόν κενά σε αυτά τα προγράμματα μπορούν να επιφέρουν καταστροφικές συνέπειες για τους ασθενείς.

### **ΣΑΦΗΣ, ΒΑΣΙΣΜΕΝΗ ΣΕ ΣΤΟΙΧΕΙΑ ΕΠΙΚΟΙΝΩΝΙΑ, ΕΙΝΑΙ ΚΑΙΡΙΑΣ ΣΗΜΑΣΙΑΣ ΓΙΑ ΤΗ ΔΙΑΧΕΙΡΙΣΗ ΤΟΥ ΔΗΜΟΣΙΟΥ ΦΟΒΟΥ**

• **Η πληροφόρηση του κοινού οφείλει να γίνεται με οδηγό επιστημονικά δεδομένα και το πολιτικό προσωπικό πρέπει να μην κάνει παραπλανητικές ή αβάσιμες δηλώσεις, ούτε να ασκεί πιέσεις σε άλλους για να κάνουν.** Η ειλικρινής, διαφανής και έγκαιρη ενημέρωση για τις εξελίξεις θα είναι καθοριστικής σημασίας για τη διατήρηση του δημόσιου αισθήματος εμπιστοσύνης και τη συνεργασία. Η απόκρυψη πληροφοριών και οι προσπάθειες παραποίησης τους κατά την επιδημία SARS στην Κίνα επιδείνωσαν την κρίση. [1] Η σαφής, συνεκτική και μη αντιφατική πληροφόρηση, βασισμένη στα σωστά επιστημονικά δεδομένα, θα βελτιώσει τη συμμόρφωση και την αποτελεσματικότητα του εθελοντικού αυτοπεριορισμού και άλλων εθελοντικών μέτρων κοινωνικής αποστασιοποίησης. [2]

• **Οι δημόσιοι και ιδιωτικοί φορείς θα πρέπει επίσης να διασφαλίσουν ενεργά την αποφυγή διακρίσεων και τη μετατροπή ατόμων ή ομάδων σε αποδιοπομπαίους τράγους.** Καθώς εξελίσσεται η COVID-19, Κινεζο-αμερικανικές και άλλες Ασιατο-αμερικανικές κοινότητες έχουν ήδη αρχίσει να δέχονται επιθέσεις σε μέλη τους λόγω σύνδεσης τους με το φόβο διασποράς του ιού. [3,4] Το Κέντρο Ελέγχου και Πρόληψης Νοσημάτων (CDC στις ΗΠΑ) έχει επισημάνει πως τέτοιοι φόβοι και παρανοήσεις δημιουργούν «περισσότερο φόβο ή θυμό προς καθημερινούς ανθρώπους παρά προς την ασθένεια η οποία προκαλεί το πρόβλημα». [5] Τοπικοί, πολιτειακοί και ομοσπονδιακοί αξιωματούχοι οφείλουν να τοποθετηθούν ανοιχτά ενάντια στις διακρίσεις και το στίγμα και να μη χρησιμοποιήσουν το ξέσπασμα της πανδημίας για να τροφοδοτήσουν την ξενοφοβία απέναντι σε Ασιατο- Αμερικανούς, άλλες κοινότητες μεταναστών και θρησκευτικές μειονότητες.

• **Οι επικεφαλής πρέπει να αποφεύγουν να δίνουν ψευδείς διαβεβαιώσεις και οφείλουν να δρουν επιθετικά ώστε να διορθώνουν τυχόν παραπληροφόρηση,** ιδιαίτερα όταν αυτή μπορεί να προκαλέσει πανικό και να οδηγήσει σε μανιώδη συσσώρευση προμηθειών και προστατευτικού εξοπλισμού. Οι αρχές πρέπει επίσης να παρέχουν γενικές πρακτικές συμβουλές σε συνθήκες επιδημίας, όπως σωστή προσωπική υγιεινή και εξασφάλιση επάρκειας -αλλά όχι αποθησαύριση- απαραίτητων προμηθειών, όπως η προσωπική φαρμακευτική αγωγή.

### **ΠΑΡΟΧΗ ΥΠΟΣΤΗΡΙΞΗΣ ΚΑΙ ΠΟΡΩΝ ΓΙΑ ΣΩΣΤΟ ΚΑΙ ΑΠΟΤΕΛΕΣΜΑΤΙΚΟ ΕΛΕΓΧΟ ΤΗΣ ΜΕΤΑΔΟΣΗΣ**

• Ύψιστης σημασίας προτεραιότητα είναι το να επιτραπεί στο λαό εθελούσια συνεργασία με τις συστάσεις της δημόσιας υγείας για πρόληψη, παρέχοντάς του ισχυρή κοινωνικοοικονομική υποστήριξη και σωστή εκπαίδευση. Όπου γίνεται σύσταση για μέτρα κοινωνική αποστασιοποίησης, οι αρμόδιοι δημόσιοι και ιδιωτικοί φορείς πρέπει να διασφαλίζουν ότι οι άνθρωποι συμμορφώνονται, χωρίς να υποβάλλονται σε υπερβολική ή άδικη ταλαιπωρία. Για παράδειγμα :

- Η δυνατότητα του λαού να συνεργαστεί με την κοινωνική αποστασιοποίηση και τα υπόλοιπα μέτρα,

θα εξαρτηθεί από το αν η πολιτική που θα χαραχτεί θα διασφαλίζει πως δεν κινδυνεύει από ανεργία, οικονομική δυσχέρεια και άλλες ακραίες επιβαρύνσεις. Αν γίνεται σύσταση αποφυγής εργασίας ή χρήσης μέσων μαζικής μεταφοράς, οι υπεύθυνοι σχεδιασμού και οι εργοδότες οφείλουν να δώσουν σαφή κίνητρα παραμονής στο σπίτι, είτε μέσω πληρωμών είτε άλλων αντισταθμισμάτων των ημερομισθίων που θα χαθούν, όπως έχει συμβεί ήδη αλλού. [6,7,8] Δε θα επιτευχθεί συνεργασία ως προς τον αυτοπεριορισμό ή άλλα εθελούσια μέτρα κοινωνικής αποστασιοποίησης, αν οι άνθρωποι δεν έχουν τη δυνατότητα να υποστηριχτούν οικονομικά, τόσο οι ίδιοι όσο και οι οικογένειές τους. Για τους χαμηλόμισθους, τους ελαστικά εργαζόμενους και τους εργαζόμενους οι οποίοι δεν είναι μισθωτοί, το να παραμένουν σπίτι απέχοντας από την εργασία τους έχει ιδιαίτερα κρίσιμες επιπτώσεις στην οικονομική τους επιβίωση.

- Οι ηλικιωμένοι και τα άτομα με ειδικές ανάγκες βρίσκονται σε κίνδυνο όταν η καθημερινότητα και τα δίκτυα υποστήριξης τους διαταράσσονται. Πολλοί έχουν περιορισμένους πόρους και η φροντίδα τους εξαρτάται από τη βοήθεια άλλων. Ο σχεδιασμός αντιμετώπισης της κρίσης πρέπει να μεριμνά ρητά για αυτούς τους πληθυσμούς κατά τις συστάσεις αυτοαπομόνωσης.

• **Οι πολιτικές αποφάσεις σε σχέση με την κοινωνική αποστασιοποίηση και τα κλεισίματα πρέπει να βασίζονται στα βέλτιστα διαθέσιμα επιστημονικά δεδομένα.** Επιχειρήσεις, ιδρύματα και σχολεία πρέπει να καθορίσουν προληπτικά προσαρμογές και τροποποιήσεις για ενδεχόμενο κλείσιμο (π.χ. τηλεπικοινωνία ή τηλε-εκπαίδευση). Αυτά τα μέτρα έχουν υπάρξει αποτελεσματικά στη μείωση της μετάδοσης της γρίπης. [9] Η πληθώρα στοιχείων σχετικών με τη γρίπη μπορεί να παρέχει πληροφορίες για την προσπάθεια ελέγχου, αλλά θα είναι καθοριστικό να αναγνωρίσουμε τις διαφορές στην επιδημιολογία των ασθενειών.

• **Ιδιαίτερη προσοχή πρέπει να δοθεί στις ανάγκες των ατόμων σε συνθήκες μακροχρόνιας περίθαλψης ή κράτησης, τα οποία είναι ιδιαίτερος ευπαθή.** Όσοι διαμένουν σε γηροκομεία ή άλλες δομές μακροχρόνιας φροντίδας, όπως και οι φυλακισμένοι ή οι άστεγοι, έχουν υψηλό κίνδυνο λοίμωξης, δεδομένων των συνθηκών διαβίωσής τους. Τα άτομα αυτά επίσης, πιθανώς θα συμμορφωθούν λιγότερο με τα προληπτικά μέτρα ώστε να μείνουν ασφαλείς και ο έλεγχος της μετάδοσης είναι πρόκληση υπ' αυτές τις συνθήκες. Συλλήψεις και βραχυχρόνιοι εγκλεισμοί μπορούν να δράσουν ενισχυτικά σε μια επιδημία και οι πολιτικές ευρύτερου ποινικού δικαίου θα πρέπει να λάβουν υπόψη τις επιπτώσεις της αστυνόμευσης και της πολιτικής συλλήψεων στην υγεία.

• **Η υποχρεωτική καραντίνα, τοπικά lockdowns και ταξιδιωτικές απαγορεύσεις έχουν χρησιμοποιηθεί για την αντιμετώπιση του κινδύνου της COVID-19 στις ΗΠΑ και στο εξωτερικό. Αλλά είναι δύσκολο να υλοποιηθούν, μπορεί να υπονομεύσουν την εμπιστοσύνη της κοινωνίας, έχουν μεγάλο κοινωνικό κόστος και - το σημαντικότερο - επηρεάζουν με δυσανάλογο τρόπο τα πιο ευάλωτα κομμάτια των κοινοτήτων μας.** Τέτοια μέτρα μπορούν να είναι αποτελεσματικά μόνο κάτω από ειδικές περιστάσεις. Κάθε τέτοιο μέτρο πρέπει να καθοδηγείται από επιστημονικά δεδομένα, με την απαραίτητη διαφύλαξη των δικαιωμάτων όλων όσων πλήττονται. Οι παραβιάσεις των ελευθεριών οφείλουν να είναι ανάλογες του κινδύνου που παρουσιάζεται σε όσους επηρεάζονται, επιστημονικά θεμελιωμένες, διαφανείς για την κοινή γνώμη, όσο το δυνατόν λιγότερο περιοριστικές ώστε να διαφυλάσσεται η δημόσια υγεία και να επανεξετάζονται συχνά έτσι ώστε να διασφαλίζεται ότι είναι ακόμα αναγκαία καθώς η επιδημία θα εξελίσσεται. [10]

• **Μέτρα εθελούσιας αυτοαπομόνωσης είναι πιο πιθανό να επιφέρουν συνεργασία και να προστατεύσουν το αίσθημα κοινωνικής εμπιστοσύνης από ότι μέτρα καταναγκασμού, και είναι και πιο πιθανό να αποτρέψουν απόπειρες προσέγγισης του συστήματος υγείας.** [11]

Για να είναι οι υποχρεωτικές καραντίνες αποτελεσματικές και άρα επιστημονικά και νομικά δικαιολογημένες, πρέπει να πληρούνται τρία βασικά κριτήρια: [12] 1) η πάθηση πρέπει να είναι μεταδοτική στο προσυμπτωματικό ή στα πρώτα συμπτωματικά στάδια · 2) όσοι έχουν πιθανά εκτεθεί

στην COVID-19 πρέπει να μπορούν να ανιχνευθούν με άμεσο και αποτελεσματικό τρόπο · και 3) αυτά τα άτομα πρέπει να συμμορφωθούν με τις συνθήκες καραντίνας. Υπάρχουν στοιχεία ότι η COVID-19 μεταδίδεται κατά το προσυμπτωματικό ή τα αρχικά συμπτωματικά στάδια.[13] Παρόλα αυτά, η σχέση της μεταδοτικότητας κατά τη διάρκεια του προσυμπτωματικού ή των αρχικών συμπτωματικών σταδίων όσων έχουν προσβληθεί με τη συνολική μετάδοση της νόσου είναι άγνωστη. Η δραστική ανίχνευση όσων εκτέθηκαν θα είναι αυξανόμενης δυσκολίας όσο η μετάδοση του ιού εντός της κοινότητας επεκτείνεται, καθιστώντας την καραντίνα λιγότερο εφικτό μέτρο καθώς εξελίσσεται η διασπορά. Το αν τα άτομα μπορούν να συμμορφωθούν θα καθοριστεί από το ύψος της παρεχόμενης υποστήριξης, ιδίως όσο αφορά τους χαμηλόμισθους εργαζόμενους και άλλες ευάλωτες ομάδες. Καθώς πολλά μέρη είναι ήδη σε καραντίνα, η συνεχιζόμενη ή εκ νέου εφαρμογή της από τις ομοσπονδιακές, πολιτειακές ή τοπικές αρχές προϋποθέτει αποτίμηση σε πραγματικό χρόνο και αξιολόγηση ώστε να είναι αιτιολογημένη όσο τα επιστημονικά δεδομένα και το ξέσπασμα της πανδημίας εξελίσσονται, και αυτά μέσω μιας διαφανούς, ανοιχτής διαδικασίας λήψης αποφάσεων, στην οποία θα συμβάλλουν και καταρτισμένοι επιστήμονες και νομικοί ως εξωτερικοί σύμβουλοι.

• **Οι αρχές δημόσιας υγείας θα πρέπει να παρέχουν ασφαλείς και ανθρώπινες συνθήκες σε όσους βρίσκονται σε καραντίνα, είτε αυτοί βρίσκονται στο σπίτι, είτε σε δομές ή κοινότητες. Η κυβέρνηση πρέπει να διασφαλίσει ότι οποιοσδήποτε βρίσκεται σε απομόνωση ή καραντίνα θα έχει πρόσβαση στην εξυπηρέτηση βασικών αναγκών, συμπεριλαμβανομένων φαγητού, νερού, φαρμάκων και προμηθειών υγιεινής.** Θα πρέπει να παρέχεται βοήθεια στα άτομα που χρειάζονται υποστήριξη ώστε να εξυπηρετήσουν βασικές βιοτικές ανάγκες και πρέπει να υπάρξει μέριμνα για τις θρησκευτικές ανάγκες και τις ανάγκες επικοινωνίας. Αν δεν εξασφαλιστούν τα παραπάνω θα υπονομευθεί η εμπιστοσύνη, η συμμόρφωση στα μέτρα και η συνολική αποτελεσματικότητα της καραντίνας. Είναι επίσης απολύτως αναγκαίο να μην επιβληθούν απάνθρωπες συνθήκες ή άλλες διακρίσεις, όπως συνέβη στο κρουαζιερόπλοιο Diamond Princess, όπου όλοι οι επιβάτες τέθηκαν σε καραντίνα για να προστατευτεί ο πληθυσμός στη στεριά, αλλά τελικά απομονώθηκαν σε συνθήκες υψηλής μεταδοτικότητας μεταξύ τους. Επιπλέον, ασφαλείς και ανθρώπινες συνθήκες πρέπει να παρέχονται σε όλους όσους βρίσκονται σε καραντίνα και να μην υπάρχουν διαφοροποιήσεις μεταξύ κοινωνικών ή οικονομικών στρωμάτων, ή όπως στην περίπτωση του Princess Diamond, μεταξύ επιβατών και εργαζομένων.

• **Όπου επιβάλλονται υποχρεωτικά μέτρα, πρέπει να γίνονται ενέργειες που θα διασφαλίζουν ότι οι άνθρωποι προστατεύονται από ενδεχόμενη απώλεια εργασίας, οικονομική δυσχέρεια και υπερβολικές επιβαρύνσεις.** Κυβέρνηση και εργοδότες πρέπει να αναγνωρίσουν ότι οι χαμηλόμισθοι, ελαστικά εργαζόμενοι και οι εργαζόμενοι που δεν είναι μισθωτοί και οι οποίοι αδυνατούν να εργαστούν εξαιτίας καραντίνας ή περιοριστικών μέτρων ή άλλων διαταραχών της οικονομίας και της δημόσιας ζωής, αντιμετωπίζουν ασυνήθιστα μεγάλες προκλήσεις. Μπορεί να τους είναι αδύνατο να καλύψουν τις βασικές ανάγκες των ίδιων ή των οικογενειών τους.

• **Οι άνθρωποι πρέπει να ενθαρρύνονται να κατανοούν και να διεκδικούν τα δικαιώματά τους.** Πρέπει να παρέχεται πληροφόρηση η οποία θα αιτιολογεί οποιοδήποτε υποχρεωτικό περιορισμό, αλλά και σχετικά με το πώς και πού μπορούν να γίνουν ενστάσεις για τις αποφάσεις αυτές. Η διαδικασία υποβολής τους πρέπει να είναι προσιτή, συμπεριλαμβάνοντας καθολική πρόσβαση σε νομικούς συμβούλους, ώστε να διασφαλίζεται ότι οι ενστάσεις τους για μεροληψία ή επικινδυνότητα στις συνθήκες περιορισμού τους θα εκδικάζονται.

• **Η αποτελεσματικότητα των τοπικών lockdowns και των ταξιδιωτικών απαγορεύσεων εξαρτάται από πολλές μεταβλητές, ενώ επίσης μειώνεται κατά τα τελικά στάδια της έξαρσης της πανδημίας.** Παρά το ότι πρόκειται μόνο για αρχικά στοιχεία, μια πρόσφατη μελέτη προτείνει ότι στην Κίνα, τα μέτρα αυτά μπορεί να περιόρισαν, αλλά δεν αναχαιτίσαν τη διασπορά της επιδημίας

COVID-19, καθυστερώντας την τοπικά για μερικές μέρες, ενώ σημείωσαν σημαντικότερη, αλλά και πάλι περιορισμένη, επίδραση στη διεθνή κλίμακα, ιδίως αν δε συνδυαστούν με μέτρα που κατάφεραν τουλάχιστον κατά 50% περιορισμό της μετάδοσης στην κοινότητα. [14] Οι ταξιδιωτικοί περιορισμοί έχουν επίσης γνωστές αρνητικές επιπτώσεις, όπως τη διάσπαση των αλυσίδων ανεφοδιασμού αναγκάων προϊόντων. [15] Οι συγγραφείς μιας πρόσφατης ανασκόπησης έρευνας πάνω στο θέμα συμπέραναν ότι «η αποτελεσματικότητα των ταξιδιωτικών απαγορεύσεων είναι εν πολλοίς άγνωστη» και «όταν εκτιμάται η αναγκαιότητα και το κατά πόσο ευσταθεί μία ταξιδιωτική απαγόρευση, δεδομένων των περιορισμένων στοιχείων, είναι σημαντικό να διερωτόμαστε αν πρόκειται για λιγότερο περιοριστικό αλλά αναγκαίο για την προστασία της δημόσιας υγείας μέτρο και, ακόμα και αν όντως είναι, θα πρέπει θέτουμε το ίδιο ερώτημα ξανά και ξανά». [16]

Η έξαρση της COVID-19 αποτελεί καινοφανές φαινόμενο για την πρόσφατη Αμερικανική ιστορία και κατά συνέπεια δεν υπάρχει βιβλίο οδηγιών για ένα επιδημιολογικό φαινόμενο τέτοιας έκτασης και μεγέθους. Για να περιοριστούν οι επιπτώσεις της, πρέπει να δράσετε άμεσα, δίκαια και αποτελεσματικά. Σας παροτρύνουμε να λάβετε αυτές τις συστάσεις σοβαρά υπόψη και να δράσετε επειγόντως, έτσι ώστε να προστατευτούμε κατά το δυνατόν καλύτερα από τις συνέπειες μιας τέτοιας πρωτοφανούς μικροβιακής απειλής και από τις πιθανές βλαβερές επιπτώσεις μιας πολιτικής βασισμένης σε κακό σχεδιασμό ή ελλιπή πληροφόρηση.

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#### Σημειώσεις:

- [1] Jinqiu, Z. The SARS epidemic under China's media policy. *Media Asia* 2003; 30(4): 191–196.
- [2] Kavanagh, A.M., Bentley, R.J., Mason, K.E., et al. Sources, perceived usefulness and understanding of information disseminated to families who entered home quarantine during the H1N1 pandemic in Victoria, Australia: a cross-sectional study. *BMC Infect Dis* 2011; 11(2).
- [3] “What’s spreading faster than coronavirus in the US? Racist assaults and ignorant attacks against Asians”, CNN (Feb. 21, 2020), <https://www.cnn.com/2020/02/20/us/coronavirus-racist-attacks-against-asian-americans/index.html>.
- [4] “Fear of coronavirus fuels racist sentiment targeting Asians”, *Los Angeles Times* (Feb. 03, 2020), <https://www.latimes.com/california/story/2020-02-03/fear-panic-around-the-coronavirus-fuels-racist-sentiment>.
- [5] “Stigma Related to COVID-19”, CDC (Feb. 28, 2020), <https://www.cdc.gov/coronavirus/2019-ncov/about/related-stigma.html>.
- [6] For example, Britain’s Health Secretary Matt Hancock sent guidance to tell employers that staff who have been asked to self-isolate must be able to clock that time as sick leave. See “Coronavirus UK: will I get paid if I take sick leave?”, *Guardian* (Feb. 26, 2020), <https://www.theguardian.com/world/2020/feb/26/coronavirus-uk-will-paid-take-sick-leave>.
- [7] “Hong Kong to give cash gift of \$1,200 to residents”, *BBC News* (Feb. 26, 2020), <https://www.bbc.com/news/world-asia-china-51640456>.
- [8] Pichler, S., Wen, K., and Ziebarth, N.R. Positive Health Externalities of Mandating Paid Sick Leave. Preprint on Research Gate (February 2020).
- [9] Community Mitigation Guidelines to Prevent Pandemic Influenza, United States, 2017. *MMWR Recomm Rep* 2017; 66(RR-1): 1–34.

- [10] Abdo, A., Batman, S., Bhandari, E., et al. "Fear, Politics, and Ebola: How Quarantines Hurt the Fight Against Ebola and Violate the Constitution." ACLU, GHJP (December 2015), <https://law.yale.edu/sites/default/files/area/center/ghjp/documents/fearpoliticsebola.pdf>.
- [11] Aledort, J.E., Lurie, N., Wasserman, J., Bozzette, S.A. Non-pharmaceutical public health interventions for pandemic influenza: an evaluation of the evidence base. BMC Public Health 2007; 7(1): 208-209.
- [12] Schabas, R. Severe acute respiratory syndrome: Did quarantine help?. Canadian Journal of Infectious Diseases and Medical Microbiology 2004; 15(4): 204.
- [13] Park, S.W., Bolker, B.M., Champredon, D., et al. Reconciling early-outbreak preliminary estimates of the basic reproductive number and its uncertainty: a new framework and applications to the novel coronavirus (2019-nCoV) outbreak. medRxiv (Feb. 28, 2020).
- [14] Chinazzi, M, Davis, J.T., Ajelli, M., et al. The effect of travel restrictions on the spread of the 2019 novel coronavirus (2019-nCoV) outbreak. medRxiv (Feb. 11, 2020).
- [15] "The evidence on travel bans for diseases like coronavirus is clear: They don't work", Vox (Jan. 23, 2020), <https://www.vox.com/2020/1/23/21078325/wuhan-china-coronavirus-travel-ban>.
- [16] "Effectiveness of travel bans — readily used during infectious disease outbreaks — mostly unknown", Science Daily (Feb. 13, 2020), <https://www.sciencedaily.com/releases/2020/02/200213175923.htm>.

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90. Xuerong Wen, Assistant Professor of Pharmacoepidemiology and Health Outcome, University of Rhode Island

91. Paul D. Cleary, Anna M.R. Lauder Professor of Public Health, Yale School of Public Health

92. Muneer I. Ahmad, Clinical Professor of Law and Deputy Dean for Experiential Education, Yale Law School

93. Rev. Dr. Gary Gunderson, Vice President, FaithHealth, Professor, Division of Public Health Sciences, Wake Forest University Baptist Medical Center and Professor of Faith and the Health of the Public

94. Mary Crossley, John E. Murray Faculty Scholar and Professor of Law, University of Pittsburgh School of Law

95. Shelley Geballe, Assistant Clinical Professor of Public Health, Yale School of Public Health; Clinical Lecturer, Yale Law School

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97. Allan M. Brandt, Amalie Moses Kass Professor of the History of Medicine, Professor of the History of Science, Department of the History of Science, Department of Global Health and Social Medicine, Harvard University

98. Melissa M. Goldstein, Associate Professor, Milken Institute School of Public Health, George Washington University

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101. Aiden Shapiro, Resident Physician, NYU/Bellevue Department of Emergency Medicine

102. Nancy Krieger, Professor of Social Epidemiology, American Cancer Society Clinical Research Professor, Department of Social and Behavioral Sciences, Harvard T.H. Chan School of Public Health

103. Mary Anglin, Associate Professor of Anthropology, University of Kentucky
104. Kata Chillag, Hamilton McKay Professor in Biosciences and Human Health, Davidson College
105. Christina S. Ho, Professor of Law, Associate Dean of Faculty Research and Development and New Programs, Rutgers Law School, Newark
106. Angela Jarman, Assistant Professor of Emergency Medicine, UC Davis
107. Debra DeBruin, Interim Director, Associate Professor, Director of Graduate Studies, Center for Bioethics, University of Minnesota
108. Sam Snodgrass, Board of Directors, Broken No More/GRASP
109. Samuel R. Friedman, Research Professor, Dept of Population Health, New York University School of Medicine
110. Matthew M. Kavanagh, Faculty Affiliate, Department of International Health & Law Center, Georgetown University
111. Marianne Sullivan, Professor, Public Health, William Paterson University of New Jersey
112. Kim D. Jaffee, Associate Professor, School of Social Work, Wayne State University
113. Alicia Ely Yamin, Senior Fellow at the Petrie-Flom Center for Health Law Policy, Biotechnology and Bioethics at Harvard Law School
114. Lundy Braun, Professor of Medical Science, Professor of Africana Studies. Departments of Africana Studies and Pathology and Laboratory Medicine, Brown University
115. Jacky Jennings, Associate Professor, Johns Hopkins School of Medicine & Bloomberg School of Public Health
116. Don Mathis, Adjunct Faculty, Delaware Technical Community College
117. Duana Fullwiley, Associate Professor of Anthropology, Stanford University
118. Marian Moser Jones, Associate Professor & Graduate Director, Department of Family Science, University of Maryland School of Public Health
119. Marc Lipsitch, Professor of Epidemiology, Department of Epidemiology, Department of Immunology and Infectious Diseases, Director of the Center for Communicable Disease Dynamics, Harvard T.H. Chan School of Public Health
120. Nicole Blum, MD Candidate, University of Illinois College of Medicine
121. Jing Li, Assistant Professor of Health Policy and Economics, Department of Population Health Sciences, Weill Cornell Medical College
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123. Glorian Sorensen, Professor, Harvard T.H. Chan School of Public Health
124. David Rosner, Ronald Lauterstein Professor of Public Health and History, Columbia University
125. Kimberly Sue, Medical Director, Harm Reduction Coalition
126. Valerie Horsley, Assoc. Professor of Molecular, Cellular & Developmental Biology, Yale University
127. Jason A. Smith, Associate Professor of Health Sciences, California State University, East Bay
128. James G Kahn, Professor in Residence, Department of Epidemiology and Biostatistics, School of Medicine, UCSF
129. Simon Sang, Associate Professor in Animal and One Health, Department of Agricultural and Environmental Sciences, College of Agriculture, Environment and Human Science
130. Robert Field, Professor of Law and Professor of Health Management and Policy, Drexel University
131. Matthew Wynia, Professor of Medicine and Public Health, Director, Center for Bioethics and Humanities, University of Colorado
132. Robin W. Simon, Professor of Sociology, Wake Forest University
133. Catherine DeLorey, President, Women's Health Institute
134. Erica Concors, Medical Student, Rutgers Robert Wood Johnson Medical School
135. Atheendar S. Venkataramani, Assistant Professor of Health Policy and Medicine, Perelman School of Medicine, University of Pennsylvania
136. Lillian Tom-Orme, AIANNH Caucus, APHA, Co-Chair, Native Research Network, INC

137. Steven Seeche, Community Mediator, Cambridge Mass
138. Katherine M. Keyes, Ph.D., Associate Professor of Epidemiology, Columbia University, Mailman School of Public Health
139. Elana Silver, Principal Epidemiologist, Laurelton Research
140. Carole S. Vance, Senior Fellow, Global Health Justice Partnership, Yale University
141. Mary T Bassett, Professor of the Practice of Health and Human Rights, Director, François-Xavier Bagnoud Center for Health and Human Rights at Harvard University
142. Donald K Milton, Professor, Environmental & Occupational Health, Institute for Applied Environmental Health, School of Public Health, University of Maryland
143. Martha Livingston, Professor and Chair, Public Health, SUNY Old Westbury
144. Gay Young, Professor & Chair, Department of Sociology, American University
145. Suzanne M. Babich, Associate Dean of Global Health, Acting Chair, Dept of Global Health, Professor of Health Policy and Management, Indiana University
146. Matthew Kohrman, Associate Professor of Anthropology, Stanford University & Faculty Fellow at Stanford Center for Innovation in Global Health
147. Wendy K. Mariner, Edward R. Uteley Professor of Health Law, Boston University School of Public Health, Professor of Law, Boston University School of Law, Professor of Medicine, Boston University School of Medicine
148. Alan Goodman, Professor of Biological Anthropology, Hampshire College
149. Steven B. Auerbach, CAPT (Retired) U.S. Public Health Service
150. T.M. Luhrmann, Howard H. and Jessie T. Watkins University Professor of Anthropology, Stanford University
151. Jim Bloyd, PhD Student, University of Illinois at Chicago School of Public Health
152. Michael Barthman, Resident Physician, Brown Emergency Medicine
153. Anna Reisman, Professor of Medicine, Yale School of Medicine
154. Crissaris Sarnelli, Physician, Ryan Health Center
155. Alison Buttenheim, Associate Professor of Nursing and Health Policy, University of Pennsylvania
156. Lara Stemple, Assistant Dean; Director, Health and Human Rights Law Project, UCLA School of Law
157. Michael A. Rodriguez, Professor and Vice Chair, Department of Family Medicine, David Geffen School of Medicine at UCLA; Professor, Department of Community Health Sciences, UCLA Fielding School of Public Health; Chair, UCLA Global Health Minor; Director, Health Equity Network of the Americas
158. Eugene Shapiro, Professor of Pediatrics and of Epidemiology, Yale University
159. Yazdan Yazdanpanah, Head of Infectious Disease Department; Bichat Hospital, Paris, France, Head of Infectious Disease, Immunology, Microbiology Institute Inserm France
160. Clifford W. Bogue, Waldemar Von Zedtwitz Professor of Pediatrics, Chair of Pediatrics, Yale School of Medicine, Chief of Pediatrics and Chief Medical Officer, Yale New Haven Children's Hospital
161. Perry N. Halkitis, Dean and Professor of Biostatistics and Urban-Global Public Health; Director, Center for Health, Identity, Behavior & Prevention Studies (CHIBPS), Rutgers School of Public Health; Editor in Chief, Behavioral Medicine; Founding Editor in Chief, Annals of LGBTQ Public and Population Health
162. Sunday Clark, Associate Professor of Epidemiology Research, Department of Emergency Medicine, Weill Cornell Medicine
163. El'gin Avila, Principal Investigator/Founder, Equitable Health Solutions
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166. Sofia Gruskin, Professor, Keck School of Medicine and Gould School of Law; Director, USC Institute on Inequalities in Global Health, University of Southern California

167. Annunziata van Voorene, Founder, Any Positive Change
168. Sandra Crouse Quinn, Professor and Chair, Department of Family Science; Senior Associate Director, Maryland Center for Health Equity, School of Public Health, University of Maryland
169. Caren Solomon, Associate Professor of Medicine, Harvard Medical School
170. Daniel M. Goldstein, Lecturer, University of Massachusetts Amherst, School of Public Health and Health Sciences
171. David P Eisenman, Director, UCLA Center for Public Health and Disasters; Professor of Medicine, David Geffen School of Medicine at UCLA; Professor of Public Health, Fielding UCLA School of Public Health
172. Avik Chatterjee, Assistant Professor, Boston University School of Medicine
173. Vicki S. Freimuth, Professor Emeritus, Health Communication, University of Georgia; Former Director of Communication, CDC
174. Regina LaRocque, Associate Professor of Medicine, Harvard Medical School & Division of Infectious Diseases, Massachusetts General Hospital
175. Sidney D. Watson, Jane and Bruce Robert Professor of Law; Director, Center for Health Law Studies, Saint Louis University School of Law
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178. Amelia Reese Masterson, Researcher, Community Alliance for Research and Engagement, Yale School of Public Health & Southern Connecticut State University
179. Carole H. Browner, Distinguished Research Professor, Center for Culture and Health, Semel Institute for Neuroscience and Human Behavior, Department of Anthropology, Department of Gender Studies, University of California, Los Angeles
180. Mary Crippen, Outreach Manager, Bronx Regional Health Information Organization
181. Caroline Jean Acker, Professor Emerita of History, Carnegie Mellon University
182. Erika Sabbath, Assistant Professor, Boston College School of Social Work
183. Dean Schillinger, University of California San Francisco, Professor of Medicine; Director, UCSF Health Communications Research Program
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185. Agnes Usoro, Johns Hopkins University, Department of Emergency Medicine
186. Elizabeth Pendo, Joseph J. Simeone Professor of Law, Saint Louis University School of Law
187. John R. Stone, Professor, Creighton University, Dept. of Interdisciplinary Studies, Graduate Program in Bioethics, Dept. of Medicine, School of Medicine
188. Jacob Gross, Tufts University, Vice President of Tufts Public Health Society
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198. Christina Nicolaidis, Professor and Senior Scholar in Social Determinants of Health, School of Social Work, Portland State University (PSU); Adjunct Associate Professor, Department of Medicine, Oregon Health and Science University (OHSU) and the OHSU-PSU School of Public Health
199. Lee Riley, School of Public Health, University of California, Berkeley
200. Eva Raphael, Dept of Family and Community Medicine, UCSF
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202. Steven Galinat, JD Candidate, Temple University Beasley School of Law
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205. Joseph Fauver, Postdoctoral Research Associate, Department of Epidemiology of Microbial Diseases, Yale School of Public Health
206. Sarah B. Andrea, Postdoctoral Scholar, Department of Epidemiology, University of Washington School of Public Health
207. K. John McConnell, Professor & Director, Center for Health Systems Effectiveness, Oregon Health & Science University
208. Angela Garcia, Associate Professor of Anthropology, Stanford University
209. Gregory R. Wagner, Harvard T.H. Chan School of Public Health; National Institute for Occupational Safety and Health, Centers for Disease Control and Prevention (retired)
210. Leslie B. Hammer, Professor of Psychology, Portland State University
211. Pilar N. Ossorio, Professor of Law and Bioethics, University of Wisconsin Law School; Ethics Scholar-in-Residence, Morgridge Institute for Research
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213. Jason Harris, Chief, Division of Global Health; Associate Professor of Pediatrics, Harvard Medical School
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215. Jacob Bor, Assistant Professor of Global Health and Epidemiology, Boston University School of Public Health
216. J. Mijin Cha, Assistant Professor, Urban and Environmental Policy, Occidental College
217. Eva Harris, Professor, Division of Infectious Diseases and Vaccinology; Director, Center for Global Public Health, School of Public Health, University of California, Berkeley
218. Jean Lim, Associate Professor, Icahn school of medicine at Mount Sinai
219. JD Davids, Health Journalist, The Cranky Queer Guide to Chronic Illness
220. Sarah S. Bradley, Professor of Practice, Portland State University School of Social Work
221. Raina Plowright, Assistant Professor of Epidemiology, Department of Microbiology and Immunology, Montana State University
222. Juan C Salazar, Professor and Chair, Department of Pediatrics, UConn School of Medicine; Physician in Chief, Connecticut Children's Medical Center
223. Professor Rebecca Jordan-Young, WGSS, Barnard College; Director, Science and Social Differences Working Group, Columbia University
224. Jane E. Koehler, Professor of Medicine, Div. of Infectious Diseases, UCSF
225. Akiko Iwasaki, Professor of Immunobiology, Molecular Cellular and Developmental Biology and Dermatology, Yale University School of Medicine

226. Eugene Shapiro, Professor of Pediatrics and of Epidemiology, Yale University
227. Seth Alan Clark, Attending Physician; Assistant professor of Medicine and Psychiatry and Human Behavior, Alpert Medical School, Brown University
228. Nicole Angotti, Assistant Professor of Sociology, Department of Sociology and Research Fellow, Center on Health, Risk and Society, American University
229. Charles S. Dela Cruz, Section of Pulmonary, Critical Care and Sleep Medicine, Department of Internal Medicine; Director, Center of Pulmonary Infection Research and Treatment, Yale School of Medicine
230. Alexander M. Capron, University Professor & Scott H. Bice Chair in Healthcare Law, Policy and Ethics, Gould School of Law and Keck School of Medicine, University of Southern California
231. Richard Bucala, Chief, Division of Rheumatology, Allergy & Immunology; Professor of Medicine, Yale School of Medicine
232. Susan L. Bickford, Professor of Mathematics, El Camino College
233. Donald Weinbaum, President, New Jersey Public Health Association
234. Arthur Reingold, Professor and Division Head, School of Public Health, University of California, Berkeley
235. Ruslan Medzhitov, Sterling Professor, Department of Immunobiology, Yale University School of Medicine
236. Joseph L Graves Jr., Professor of Biological Sciences, Dept. of Nanoengineering, Joint School of Nanoscience & Nanoengineering, North Carolina, A&T University and UNC Greensboro
237. Eran Bendavid, Associate Professor of Medicine, Stanford University
238. Howard P. Forman, Professor of Public Health, Radiology, and Management, Yale University.
239. Richard Skolnik, Former Lecturer Yale School of Public Health and the Yale School of Management
240. Michelle Poulin, Social Scientist, Gender Innovation Lab, Africa Region, The World Bank
241. Steffanie Strathdee, Associate Dean of Global Health Sciences, Harold Simon Professor, Co-Director of the Center for Innovative Phage Applications and Therapeutics, Department of Medicine, University of California, San Diego
242. Mary E. O'Brien, primary care physician, Columbia University
243. Jesse J. Waggoner, Assistant Professor (Department of Medicine, Division of Infectious Diseases), Associate Professor (Department of Global Health), Rollins School of Public Health and Emory University School of Medicine
244. Olivia Orta, Postdoctoral Research Associate, Epidemiology Department, Boston University School of Public Health
245. Sara Yeatman, Associate Professor and Chair, Department of Health and Behavioral Sciences, University of Colorado Denver
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247. Ann Swidler, Professor of the Graduate School, University of California, Berkeley
248. Liu-Qin Yang, Associate Professor of Psychology, Portland State University
249. Derek Cummings, Department of Biology and the Emerging Pathogens Institute, University of Florida
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252. Caroline Buckee, Associate Professor of Epidemiology and Associate Director of the Center for Communicable Disease Dynamics, Harvard TH Chan School of Public Health
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254. Stephanie A Bryson, Associate Professor, Portland State University School of Social Work
255. Stephen Arpadi, Professor of Pediatrics & Epidemiology, Columbia University Irving Medical Center, Vagelos College of Physicians and Surgeon, Mailman School of Public Health
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266. Judith D. Auerbach, Professor of Medicine, Division of Prevention Sciences, School of Medicine, University of California, San Francisco
267. Peter Daszak, President of EcoHealth Alliance, New York
268. Joseph N.S. Eisenberg, Chair and Professor, Department of Epidemiology, John G. Searle Professor of Public Health, School of Public Health, University of Michigan
269. Sheldon Krinsky, Lenore Stern Professor of Humanities & Social Sciences, Adjunct Professor of Public Health and Community Medicine, Tufts University
270. Micah Berman, Associate Professor of Public Health and Law, The Ohio State University
271. David A. Hafler, William S. and Lois Stiles Edgerly Professor of Neurology and Professor of Immunobiology, and Chairman, Department of Neurology, Yale School of Medicine
272. Alfred L.M. Bothwell, Professor of Immunobiology, Yale University School of Medicine
273. Kristen Underhill, Associate Professor of Law, Columbia Law School
274. Craig Hadley, Department of Anthropology, Emory University
275. Jonathan Kurtis, Chair, Department of Pathology and Laboratory Medicine, Stanley M. Aronson Professor of Pathology and Laboratory Medicine, Brown University, Warren Alpert Medical School Director of Laboratories, Center for International Health Research Director, MD/PhD Program
276. Terry Marx, Pediatrician, Children's Aid
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278. Michael S. Sinha, Adjunct Faculty, Northeastern University School of Law and Visiting Scholar, Center for Health Policy and Law, Northeastern University School of Law
279. Sarah S. Richardson, Professor of the History of Science and of Studies of Women, Gender, and Sexuality, and Director of Graduate Studies, WGS Director, GenderSci Lab, Harvard University
280. William M. Sage, James R. Dougherty Chair, School of Law and Professor of Surgery and Perioperative Care, Dell Medical School, The University of Texas at Austin
281. John N. Cranmer, Assistant Professor, Emory University Nell Hodgson Woodruff School of Nursing; Principal Investigator, Emory Ethiopia Maternal-Newborn Implementation Research Partnership
282. Sarah E. Gollust, Associate Professor, Division of Health Policy and Management, University of Minnesota School of Public Health
283. Seema Mohapatra, Associate Professor of Law and Dean's Fellow, Indiana University Robert H. McKinney School of Law
284. Adetutu Sadiq, student, UC Berkeley School of Public Health
285. Kenneth G. Castro, Professor, Hubert Department of Global Health & Department of Epidemiology,



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288. Deborah Ehrenthal, Associate Professor, School of Medicine and Public Health, University of Wisconsin-Madison

289. Donna M. Jacobsen Executive Director/President International Antiviral (formerly AIDS) Society-USA

290. Natalia Linos, Executive Director FXB Center for Health and Human Rights, Harvard University

291. Marcia C. Castro, Andelot Professor of Demography Chair, Department of Global Health and Population, Harvard T.H. Chan School of Public Health

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296. Robert G. Wallace, Visiting Scholar, Institute for Global Studies, University of Minnesota

297. Daniel S. Goldberg, Associate Professor, Family Medicine and Epidemiology, University of Colorado

298. Gary Weil, Professor of Medicine, Washington University School of Medicine

299. David R Hill, Professor of Medical Sciences, Director of Global Public Health, Frank H. Netter MD, School of Medicine, Quinnipiac University

300. David Stuppelbeen, Epidemiologist/Evaluator, Hawai'i Health & Harm Reduction Center and Junior Specialist, University of Hawai'i at Mānoa

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302. Jennifer Philips, Associate Professor of Medicine and Molecular Microbiology, Co-Director, Division of Infectious Diseases, Washington University in St Louis

303. Zackary Berger, Associate Professor, Johns Hopkins School of Medicine; Core Faculty, Johns Hopkins Berman Institute of Bioethics; Staff Physician, Esperanza Clinic Health Center

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307. Mary Oswald, Director and Associate Research Professor, The Regional Research Institute for Human Services, School of Social Work, Portland State University

308. David G. Schatz, Professor and Chair, Department of Immunobiology, Yale School of Medicine

309. Linda McCauley, Dean, Nell Hodgson Woodruff School of Nursing, Emory University

310. Jennifer Adamski, Assistant Professor & AGACNP Program Director, Emory University School of Nursing

311. Carolyn Miller Reilly, Clinical Associate Professor and ABSN Program Director, Emory University School of Nursing

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315. Brinda Emu, Associate Professor of Medicine/Infectious Diseases, Yale School of Medicine
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317. Arnab Mukherjee, Assistant Professor of Health Sciences (Public & Community Health); Adjunct Faculty Member, Pre-Professional Health Academic Program (PHAP), Department of Health Sciences, California State University, East Bay
318. Douglas D. Richman, Distinguished Professor of Pathology and Medicine (Active Emeritus); Director, The HIV Institute; Co-Director, San Diego Center for AIDS Research; Florence Seeley Riford Chair in AIDS Research (Emeritus), University of California, San Diego
319. Lori Peek, Professor, Department of Sociology and Director, Natural Hazards Center, University of Colorado Boulder
320. Janne Boone-Heinonen, Associate Professor of Epidemiology, School of Public Health, Oregon Health & Science University
321. Nino Ricca Lucci, Labor Organizer, UAW Region 9A, MPH Student, Columbia Mailman School of Public Health
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325. Molly Dondero, Assistant Professor of Sociology, American University
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327. Corey Davis, Teaching Professor, Brody School of Medicine, East Carolina University
328. Rajesh T. Gandhi, Massachusetts General Hospital, Professor of Medicine, Harvard Medical School
329. Gary V. Desir, Paul B. Beeson Professor of Medicine Chair, Internal Medicine, Yale School of Medicine Chief, Internal Medicine, Yale New Haven Hospital
330. John Harley Warner, Avalon Professor of the History of Medicine, Yale School of Medicine, and Professor of History, Yale University
331. Scott C. Weaver , Professor and Chair, Department of Microbiology and Immunology, University of Texas Medical Branch
332. Connie Celum, Professor of Global Health and Medicine, University of Washington
333. Laura Ferguson, Assistant Professor, Keck School of Medicine; Director, Program on Global Health
334. Phillip Fiuty, Harm Reduction Program Manager, The Mountain Center
335. Vasilis Vasiliou, Susan Dwight Bliss Professor of Epidemiology, Department Chair of Environmental Health Sciences, Yale School of Public Health
336. Kristine Qureshi, Professor & Associate Dean, University of Hawaii at Manoa, School of Nursing and Dental Hygiene
337. David M. Morens, Bethesda, Maryland
338. Azita Emami, Robert G. and Jean A. Reid Executive Dean, University of Washington School of Nursing
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340. Ana V. Diez Roux, Dean, Dornsife School of Public Health, Drexel University
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343. Joseph S. Ross, Professor of Medicine and Public Health, Yale University
344. Katharine Walter, Postdoctoral Fellow, Stanford University School of Medicine
345. Vidya Eswaran, Chief Resident, McGaw Medical Center of Northwestern University
346. Nina Harawa, Professor-in-Residence, Division of General Internal Medicine and Health Services Research, David Geffen School of Medicine at UCLA (DGSOM), Department of Psychiatry, Charles R. Drew University of Medicine and Science (CDU)
347. James Lloyd-Smith, Professor, Department of Ecology & Evolutionary Biology, University of California, Los Angeles
348. Lance Gable, Associate Professor of Law, Wayne State University Law School.
349. Sherril Gelmon, Professor, Health Systems Management & Policy, Director, PhD in Health Systems & Policy, OHSU & PSU School of Public Health
350. Risha Gidwani-Marszowski, Adjunct Associate Professor, UCLA School of Public Health
351. Carol S. Camlin, Associate Professor, Dept. of Obstetrics, Gynecology & Reproductive Sciences, University of California, San Francisco
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359. Corey S. Davis, Former Chair, Orange County (NC) Board of Health, Teaching Professor, East Carolina University Brody School of Medicine
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365. Pooja Agrawal, Assistant Professor of Emergency Medicine, Yale University School of Medicine
366. Donald S. Burke, MD, Distinguished University Professor and Jonas Salk Chair of Population Health, University of Pittsburgh
367. Harsha Thirumurthy, Associate Professor, Department of Medical Ethics and Health Policy, University of Pennsylvania
368. Maryana Arvan, Postdoctoral Scholar, Department of Psychology, University of Central Florida
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373. Andrew Goldstein, Assistant Professor at NYU School of Medicine
374. Sandra A. Springer, Associate Professor of Medicine, Yale School of Medicine, Department of Internal Medicine, Section of Infectious Disease
375. Jim Lavery, Professor and Conrad N. Hilton Chair in Global Health Ethics, Hubert Department of Global Health, Rollins School of Public Health and Faculty, Center for Ethics, Emory University
376. Ted Cohen, Professor, Department of Epidemiology of Microbial Diseases, Yale School of Public Health
377. Leslie I. Boden, Professor, Department of Environmental Health, Boston University School of Public Health
378. Ranit Mishori, Professor of Family Medicine, Georgetown University School of Medicine
379. Lorna Thorpe, Professor and Director, Division of Epidemiology, Vice Chair, Strategy and Planning, Department of Population Health, NYU Grossman School of Medicine
380. Kay Lovelace, Associate Professor of Public Health Education, School of Health and Human Sciences, University of North Carolina at Greensboro
381. Isabel Morgan, PhD Student, Department of Maternal and Child Health, Gillings School of Global Public Health, University of North Carolina at Chapel Hill
382. Barak Richman, Bartlett Professor of Law and Business Administration, Duke University, Visiting Scholar, Department of Medicine, Stanford University
383. Joshua L. Warren, Associate Professor of Biostatistics, Yale University
384. Carolyn L. Westhoff, Sarah Billingham Solomon Professor of Reproductive Health, Columbia University
385. Maile Phillips, PhD Candidate, Department of Epidemiology of Microbial Diseases, Yale School of Public Health
386. Betty Kolod, Resident Physician, Mount Sinai Hospital
387. Michelle Mello, Professor of Medicine and Professor of Law, Stanford University
388. Peter C. Melby, Director, Division of Infectious Diseases; Director, Center for Tropical Diseases; Paul R. Stalnaker Distinguished Professor in Medicine; Professor, Internal Medicine (Infectious Diseases), Microbiology and Immunology, and Pathology, University of Texas Medical Branch (UTMB)
389. Joseph S. Ross, Professor of Medicine and Public Health, Yale University
390. Sangeetha Madhavan, Professor of African American Studies and Sociology, University of Maryland
391. Anne Davis, OB/GYN, Columbia University Irving Medical Center
392. Jennifer S. Hirsch, Professor of Sociomedical Sciences, Mailman School of Public Health, Columbia University
393. Poonam Daryani, Clinical Fellow, Global Health Justice Partnership of the Yale Law School and the School of Public Health, Yale University
394. Elizabeth Spradley, BHLI Project Connections in Baltimore City
395. Lisa M. Thompson, Associate Professor, Nell Hodgson Woodruff School of Nursing, Emory University
396. Julia Rosenberg, Yale National Clinician Scholar Post-Doctoral Fellow
397. Jenny Trinitapoli, Associate Professor of Sociology & Director of the Center for International Social Science Research, University of Chicago
398. Mary Clare Reidy, Director of Collaborative Partnerships, Health Federation of Philadelphia
399. Kenneth H. Mayer, Fenway Health, Harvard Medical School, Harvard T.C. Chan School of Public Health
400. Susan M. Mason, Assistant Professor, Division of Epidemiology and Community Health, University of Minnesota School of Public Health
401. Parmi Suchdev, Professor of Pediatrics and Global Health, Emory University
402. Robert A. Bednarczyk, Assistant Professor of Global Health and Epidemiology, Emory University

403. Thomas J. Stopka, Associate Professor, Department of Public Health and Community Medicine, Clinical and Translational Science Institute, Tufts University School of Medicine
404. Maggie Ornstein, Psychology, Sarah Lawrence College
405. Maggie Ornstein, Guest Faculty, Psychology, Sarah Lawrence College
406. Kimberley Shoaf, Professor and Associate Chief for Community Engagement, Division of Public Health, University of Utah
407. Gary Bubly, Vice Chair for Clinical Integration and Innovation, Department of Emergency Medicine, Alpert Medical School of Brown University
408. Robert Gatter, Professor of Law, Center for Health Law Studies, Saint Louis University School of Law
409. Hyeyoung Woo, Associate Professor, Portland State University
410. Steven Singer, Professor, Department of Biology; Director of Undergraduate Studies in Biology of Global Health; Director of Graduate Studies in Global Infectious Disease, Georgetown University
411. Alyssa King, Post-doctoral Fellow; Adjunct Professor, Department of Biology, Georgetown University
412. Anne G. Rosenwald, Professor of Biology; Professor of Microbiology and Immunology; Director of Undergraduate Studies in Biology, Georgetown University
413. Joshua Rodriguez, NYU/Bellevue Emergency Medicine
414. Heather-Lyn Haley, Assistant Professor, Family Medicine and Community Health, UMass Medical School
415. Lydia Aoun Barakat, Section of Infectious Disease, Yale School of Medicine
416. Melanie Gross Hagen, Associate Professor, Internal Medicine, University of Florida
417. Alyssa Jordan, RTI International
418. Peter C. Melby, Director, Division of Infectious Diseases; Director, Center for Tropical Diseases; Paul R. Stalnaker Distinguished Professor in Medicine; Professor, Internal Medicine (Infectious Diseases), Microbiology and Immunology, and Pathology, University of Texas Medical Branch (UTMB)
419. Ally Power, University of California, Los Angeles, Fielding School of Public Health, Department of Epidemiology
420. Joshua L. Warren, Associate Professor of Biostatistics, Yale University
421. Maile Phillips, PhD Candidate, Department of Epidemiology of Microbial Diseases, Yale School of Public Health
422. Martha Rogers, Emory University, Retired US Public Health Service
423. Richard A Flavell, Sterling Professor of Immunobiology, Yale University School of Medicine
424. Regina McCoy, Professor, UNC Greensboro
425. Thomas McAndrew, Postdoctoral Fellow of Biostatistics, Department of Biostatistics and Epidemiology, School of Public Health and Health Sciences, University of Massachusetts at Amherst
426. Peter Armbruster, Davis Family Professor, Department of Biology, Georgetown University
427. Rachel Sullivan Robinson, Associate Professor, School of International Service and Center on Health, Risk and Society, American University
428. Andrew Wang, Assistant Professor, Department Internal Medicine (Rheumatology, Allergy & Immunology), Department of Immunobiology, Yale University School of Medicine
429. Laura Gottlieb, Associate Professor, Family and Community Medicine, University of California, San Francisco
430. Maeve McKean, Executive Director, Global Health Initiative, Georgetown University Medical Center
431. John Kraemer, Associate Professor, Georgetown University
432. Vincent C. Marconi, Professor of Medicine and Global Health, Division of Infectious Disease, Emory University School of Medicine, Department of Global Health, Rollins School of Public Health
433. Janet Mann, Professor of Biology & Psychology, Georgetown University
434. Corinne Peek-Asa, Associate Dean for Research, College of Public Health, University of Iowa
435. Rachel Rubin, Senior Public Health Medical Officer, Cook County Department of Public Health
436. Melinda Zipp, Director of Outreach, Lancaster Harm Reduction Project
437. Leo Lopez III, Fellow, National Clinician Scholars Program, Yale University School of Medicine

438. Professor Sarah Tinkler, Department of Economics, Portland State University
439. Jenn Hollandsworth Reed, Doctoral Student, OHSU-PSU School of Public Health
440. Brian Weiss, Research Scientist/Scholar & Lecturer, Department of Epidemiology of Microbial Diseases, Yale School of Public Health
441. Marjorie Sue Rosenthal, Associate Professor of Pediatrics, Yale Medical School
442. Ximena A. Levander, Addiction Medicine Fellow, Oregon Health & Science University
443. Lauren Carruth, Assistant Professor, School of International Service, American University
444. Marie A. Brault, Associate Research Scientist, Department of Social and Behavioral Sciences, Yale School of Public Health
445. Rachael W. Sirianni, Assistant Professor of Neurosurgery, University of Texas Health Science Center at Houston
446. Krystal Pollitt, Assistant Professor, Department of Environmental Health Sciences, Yale School of Public Health
447. Georgia Charkoftaki, MPharm, Associate Research Scientist, Department of Environmental Health Sciences, School of Public Health, Yale
448. Colin Carlson, Post-doctoral Fellow, Department of Biology, Center for Global Health Science & Security, Georgetown University
449. Associate Professor of Urban Planning and Public Health, Department of Urban Studies and Planning, Massachusetts Institute of Technology
450. Jessica Lewis, Associate Research Scientist, Yale School of Public Health
451. Emma Biegacki, Program Manager in Addiction Medicine, Yale School of Medicine
452. Ameet Sarpatwari, Assistant Professor of Medicine, Harvard Medical School
453. Constance A. Nathanson, Professor, Departments of Sociomedical Sciences and Population and Family Health, Columbia University, Mailman School of Public Health
454. Anna Cupito, Associate Program Officer, National Academy of Medicine
455. Mary Ann Castle, Senior Consultant, Planning Alternatives for Change
456. Laura Ucik, Montefiore Medical Center, Bronx, NY
457. Yoon-Sung Nam, PhD student, Division of Environmental Health Sciences, University of Minnesota School of Public Health
458. Hannah Rosenblum, Chief Resident, Yale Primary Care/Internal Medicine-Pediatrics, Yale-New Haven Hospital
459. Alex Wagenaar, Research Professor, Emory University Rollins School of Public Health, Professor Emeritus, University of Florida College of Medicine
460. Yawei Zhang, Associate Professor, Department of Environmental Health Sciences, Yale School of Public Health
461. Zheng Wang, Research Scientist, Yale School of Public Health
462. Emma Olson, Director of Partnerships and Evaluation, NC Center for Health and Wellness
463. Michelle P. Lin, Assistant Professor of Emergency Medicine, Icahn School of Medicine at Mount Sinai
464. Mary Herbert, Clinical Director, Program for Health Care to Underserved/Birmingham Clinic
465. Jamie Tam, Assistant Professor, Department of Health Policy and Management, Yale School of Public Health
466. Louisa Holaday, Fellow, National Clinician Scholars Program, Department of Internal Medicine, Yale University
467. Emily P. Hyle, Assistant Professor of Medicine, Harvard Medical School & Division of Infectious Diseases, Massachusetts General Hospital
468. Erika Linnander, Director, Yale Global Health Leadership Initiative
469. Erica Caple James, Associate Professor of Medical Anthropology and Urban Studies, MIT
470. Alfreda Holloway-Beth, Black Caucus of Health Workers (BCHW), APHA, President
471. Doreen D. Cunningham, Assistant Research Professor, Georgetown University
472. Edward J. Callahan, Professor Emeritus, Family and Community Medicine, University of California,

## Davis Health

473. Cornelia van der Ziel, Harvard Vanguard Medical Associates (retired)
474. Heping Zhang, Susan Dwight Bliss Professor, Department of Biostatistics, Yale University School of Public Health
475. Ronald Bayer, Professor and Co-Chair, Center for the History & Ethics of Public Health, Mailman School of Public Health; Senior Advisor, Global Network of Collaborating Centres of Bioethics, WHO
476. Dennis L. Kolson, Professor of Neurology; Vice Chair for Academic Affairs/Faculty Development, Department of Neurology, Perelman School of Medicine, University of Pennsylvania
477. John Wysolmerski, Professor of Medicine and Acting Section Chief, Endocrinology and Metabolism, Yale School of Medicine
478. Bisan A. Salhi, Assistant Professor, Department of Emergency Medicine, Associated Assistant Professor, Department of Anthropology, Emory University
479. Leslie Curry, Professor of Public Health and Professor of Management, Yale School of Public Health
480. Justin I. Lowenthal, Johns Hopkins University School of Medicine, National Board of Directors, Doctors for America
481. Elizabeth Datner, Chair, Department of Emergency Medicine, Einstein Healthcare Network, Professor of Emergency Medicine, Sidney Kimmel Medical College, Thomas Jefferson University
482. Alfreda Holloway-Beth, Black Caucus of Health Workers, American Public Health Association; Director of Epidemiology, Cook County Department of Public Health
483. William L. Holzemer, Distinguished Professor & Dean Emeritus, School of Nursing, Rutgers, The State University of New Jersey
484. Marney White, Associate Professor of Public Health (Social and Behavioral Sciences); Associate Professor of Epidemiology (Chronic Diseases), Yale School of Public Health and of Psychiatry, Yale Medical School
485. Donna Speigelman, Susan Dwight Bliss Professor of Biostatistics; Director, Center for Methods in Implementation and Prevention Science (CMIPS); Director, Interdisciplinary Research Methods Core, Center for Interdisciplinary Research on AIDS, Yale School of Public Health; Assistant Cancer Center Director, Global Oncology, Yale Cancer Center
486. Ingrid V. Bassett, Associate Professor of Medicine, Harvard Medical School, Massachusetts General Hospital
487. Peter Lurie, President, Center for Science in the Public Interest
488. Sandro Galea, Dean and Robert A. Knox Professor, Boston University School of Public Health
489. Ashley Cenicerros, Physician and Instructor at Albert Einstein School of Medicine and Montefiore Medical Center
490. Danya Keene, Assistant Professor, Yale School of Public Health
491. Maeve McKean, Executive Director, Global Health Initiative, Georgetown University
492. Larry R Martinez, Assistant Professor of Psychology at Portland State University
493. Justin Lowenthal, National Board of Directors, Doctors for America; MD-PhD Candidate, Johns Hopkins University School of Medicine
494. David H. Jernigan, Professor of Health Law, Policy and Management at Boston University School of Public Health
495. Janine Sinno Janoudi , PhD- Health Analyst
496. Pamela Pen Erh Pei, Senior Research Scientist, Medical Practice Evaluation Center, Massachusetts General Hospital
497. Adnan Hyder, Senior Associate Dean for Research & Professor of Global Health
498. Tyler Steven Brown, Instructor, Harvard Medical School and Assistant in Medicine, Infectious Diseases Division, Massachusetts General Hospital
499. Melissa Smith, Director, Health Equity Initiatives, UC Santa Barbara
500. Rebecca Katz , Professor and Director, Georgetown University Center for Global Health Science and Security

501. Sarah Deutsch, Director of Programs at Hepatitis Education Project
502. Wolfgang Munar, Associate Professor, Dept of Global Health, Milken Institute School of Public Health
503. Ricky N. Bluthenthal, Associate Dean for Social Justice/Professor, Keck School of Medicine, University of Southern California
504. Daniel Weinberger, Associate Professor of Epidemiology at Yale School of Public Health
505. Leah Jo Carnine, Physician's Assistant at Casa de Salud
506. Sarah Lopez, Patient Safety Officer, Harbor-UCLA Medical Center
507. Kitty Corbett, Professor Emeritus at Simon Fraser University Faculty of Health Sciences
508. Gillian Tarr, Assistant Professor, Division of Environmental Health Sciences, University of Minnesota
509. Erich J. Greene, Associate Research Scientist, Yale Center for Analytical Sciences, Yale School of Public Health
510. Marcelo Jacobs-Lorena, Professor at Johns Hopkins Bloomberg School of Public Health
511. Jamie Song, MPH Student and Graduate Assistant at University of Pennsylvania Center for Public Health Initiatives
512. George R. Seage III. , Professor of Epidemiology, Harvard TH Chan School of Public Health
513. Amy N. Sanders, Associate Director, Center for Health Law Studies, Saint Louis University School of Law
514. James Tielsch, Professor of Global Health, George Washington University Milken Institute School of Public Health
515. Medha D. Makhlof, Assistant Professor of Law at Penn State University – Dickinson Law
516. Peter Cresswell, Eugene Higgins Professor of Immunobiology, Yale University School of Medicine
517. Jenna Neasbitt, Executive Director
518. Adam R. Aluisio, Assistant Professor, Department of Emergency Medicine, Alpert Medical School, Brown University, Providence, Rhode Island, USA
519. Ann Aschengrau, Professor of Epidemiology at Boston University
520. Sarah Gallagher, MPH Candidate at University of Michigan
521. Alison El Ayadi Assistant Professor, Department of Obstetrics, Gynecology and Reproductive Sciences, University of California San Francisco
522. Emily R. Smith Assistant Professor of Global Health at George Washington University
523. William B. Jordan, Clinical Assistant Professor, Albert Einstein College of Medicine
524. Melinda Zipp, Director of Outreach, Lancaster Harm Reduction Project
525. Shaun Brinsmade, Professor of Biology at Georgetown University
526. Kathi Traugh, Director Public Health Workforce Development and Distance Learning, Yale School of Public Health,
527. Jeremy Mosher, Resident Physician in Family Medicine, University of Illinois Chicago Medical Center
528. Jennifer Hochschild, Professor of Government at Harvard University
529. Ryan Thoreson, Clinical Lecturer in Law, Associate Research Scholar in Law, and Robert M. Cover-Allard K. Lowenstein Fellow in International Human Rights, Yale Law School
530. Elaine Janine Abrams, Professor of Pediatrics & Epidemiology, Columbia University
531. Noemi Spinazzi, Physician at UCSF Benioff Children's Hospital Oakland
532. Donna Spiegelman, Susan Dwight Bliss Professor of Biostatistics, Yale University
533. James G. Linakis, Professor of Emergency Medicine & Pediatrics, Alpert Medical School of Brown University
534. Peter Chen, Professor of Psychology at Auburn University and Editor of Occupational Health Psychology
535. Ashley E. Nixon, Associate Professor of Human Resources and Organizational Behavior
536. Nicole Errett, Lecturer at University of Washington School of Public Health
537. Walter A Orenstein, Professor of Medicine, Pediatrics and Global Health, Emory University
538. Maryana L. Arvan, Postdoctoral Scholar, Department of Psychology, University of Central Florida



539. Yiran Liu, PhD Candidate, Stanford School of Medicine
540. James Hadler, Adjunct Professor of Epidemiology and Public Health, Yale School of Public Health
541. Thomas J. Coates, Distinguished Research Professor of Medicine, UCLA David Geffen School of Medicine; Director, University of California Global Health Institute
542. Leela Davies, Infectious Disease physician at Massachusetts General Hospital and Brigham and Women's Hospital
543. Gabriel A. Wagner, Assistant Professor of Medicine at University of California San Diego
544. Pamela Gronemeyer, SEMC Pathology
545. Kinna Thakrar, Assistant Professor of Medicine at Maine Medical Center/Tufts University School of Medicine
546. Eileen V. Pitpitan, Associate Professor of Social Work at San Diego State University
547. Theo N. Kirkland, Professor of Infectious Diseases University of California San Diego School of Medicine
548. Jonathan Cohen, Director of the Public Health Program, Open Society Foundations
549. Gabriela Rosas-Garcia, Physician, Internal Medicine- Infectious diseases
550. Peter Lurie, President, Center for Science in the Public Interest
551. Susan Goodwin Gerberich, Professor, Environmental Health Sciences, School of Public Health, University of Minnesota
552. Mary Jeannette Hopkins, Assistant Professor Tufts University School of Medicine
553. Talia Puzantian, Professor of Clinical Sciences at Keck Graduate Institute School of Pharmacy and Health Sciences
554. Michael Zingman, Medical Student at Columbia University Vagelos College of Physicians and Surgeons, alum of Infectious Disease Epidemiology program at Columbia Mailman School of Public Health
555. Paul Ndebele, Senior Research Regulatory Specialist, Milken Institute of Public Health, The George Washington University
556. Sanjay Mehta, Associate Professor of Medicine University of California San Diego
557. Adriano de Bernardi Schneider, Postdoctoral Scholar, AntiViral Research Center, School of Medicine, University of California, San Diego
558. Maria Luisa Mittal, Assistant Project Scientist, University of California San Diego, Division of Infectious Diseases and Global Public Health
559. Kiyomi Tsuyuki, Assistant Professor of Infectious Diseases and Global Public Health at University of California, San Diego
560. Mariana Arcaya, Associate Professor of Urban Planning and Public Health, MIT
561. Amnon Altman, Professor, La Jolla Institute for Immunology
562. Cristina M. Castro, MDPH Candidate, NYU School of Medicine
563. Balakrishnan Rajagopal, Associate Professor of Law and Development, Department of Urban Studies and Planning MIT
564. Sara Keller, Assistant Professor, Division of Infectious Diseases, Johns Hopkins University School of Medicine; Assistant Professor, Department of Health Policy and Management, Johns Hopkins Bloomberg School of Public Health
565. Alison Bormann, Infectious Disease Physician, Minneapolis MN
566. Javier Cepeda Assistant Professor of Medicine (Division of Infectious Diseases and Global Public Health) at University of California - San Diego
567. Kimberly C. Brouwer, Vice Chair for Public Health Education, Professor and Interim Global Health Division Chief, Department of Family Medicine & Public Health, University of California, San Diego
568. Emily Nagisa Keehn, Assistant Dean of Graduate Programs, Kroc School of Peace Studies, University of San Diego
569. Meghan McGinty, Faculty Associate Johns Hopkins Bloomberg School of Public Health
570. Lucy E. Horton, Physician in Division of Infectious Diseases, UC San Diego Health

571. Samuel A. Granato, Clinical Instructor, Department of Global Health, University of Washington
572. Brad Wagenaar, Assistant Professor, Department of Global Health, University of Washington
573. Joel F. Martin, President and CEO of IntrepidaBio, Inc.
574. Asma Khatri, , Infectious Disease Specialist
575. Arthur J. Olson, Anderson Research Chair Professor, The Scripps Research Institute
576. Molly Greenberg, Nurse Coordinator at Healthcare for the Homeless
577. Deborah G. Passey, Research Associate, Division of Epidemiology, University of Utah
578. Johel Padilla, Research Assistant in UPR-Medical Sciences Campus
579. Anne Wyllie, Associate Research Scientist, Department of Epidemiology of Microbial Diseases, Yale School of Public Health
580. Alexander McCourt, Assistant Scientist, Johns Hopkins Bloomberg School of Public Health
581. Zoe Meleo-Erwin, Assistant Professor of Public Health at William Paterson University of New Jersey
582. Chantal Vogels, Postdoctoral Fellow, Department of Epidemiology of Microbial Diseases, Yale School of Public Health
583. Danielle Ofri, Clinical Professor of Medicine, NYU School of Medicine
584. Rochelle P. Walensky, Professor, Harvard Medical School, Massachusetts General Hospital
585. Ellen V. Moorem, AIUSA Archives and Chair AIUSA Archives Thematic Coordination Group
586. Tim Carey, Professional Consultant at The Chinese University of Hong Kong (Retired)
587. Francis V. Chisari, Professor of Virology and Immunology at The Scripps Research Institute
588. Chris Coombe Assistant Research Scientist, University of Michigan School of Public Health
589. Alexandra M. Goodwin, Clinical Assistant Professor of Medicine at NYU Langone Medical Center
590. Najmedin Meshkati, Professor of Civil/Environmental Engineering, Industrial & Systems Engineering and International Relations at University of Southern California
591. Ana Weil, Assistant professor University of Washington
592. Daniela C. Rodriguez, Associate Scientist, Dept. of International Health, Johns Hopkins Bloomberg School of Public Health
593. Deborah Grady, Professor of Medicine, University of California San Francisco
594. Mary Elizabeth Tinetti, Professor, Department of Medicine, Chief of Geriatrics, Yale School of Medicine
595. Aziza Ahmed, Professor of Law, Northeastern University School of Law
596. Britt Skaathun, Assistant Professor, Division of Infectious Diseases and Global Public Health, University of California San Diego, School of Medicine
597. J. Patrik Hornak, Senior Housestaff Physician, Department of Internal Medicine, The University of Texas Medical Branch at Galveston
598. Danniell Zamora, Infectious Diseases Fellow, The University of Washington
599. Rachel Ann Bender Ignacio, Assistant Professor, Division of Allergy and Infectious Diseases, University of Washington
600. Jeremy Paul, Professor of Law at Northeastern University
601. Melinda F. Drew, Adjunct Professor at Northeastern University School of Law
602. Heather Lusk, Executive Director, Hawaii Health & Harm Reduction Center
603. Sara Kass-Gergi, Resident, Internal Medicine, Columbia University Medical Center
604. Olivia Moscicki, Medical Student at Icahn School of Medicine at Mount Sinai
605. Robert T. Fairman, Second Century Initiative Fellow, Georgia State University School of Public Health
606. Robert A. Lowe, Professor Emeritus, Oregon Health & Science University School of Medicine
607. Lucy Ann Williams, Professor of Law, Northeastern University School of Law
608. Jodie L. Guest, Professor of Epidemiology, Rollins School of Public Health, Emory University
609. Sara Rosenbaum, Harold and Jane Hirsh Professor of Health Law and Policy, George Washington University, Milken Institute School of Public Health
610. Carolyn K. Clevenger, Professor and Associate Dean for Clinical and Community Partnerships, Nell

Hodgson Woodruff School of Nursing, Emory University

611. Paul Ndebele, Senior Research Regulatory Specialist-Office of Research Excellence (ORE);  
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Institute School of Public Health

612. Jeffrey Townsend, Elihu Professor of Biostatistics and Ecology & Evolutionary Biology, Yale School  
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613. Marco Ramos, Psychiatry Resident and Lecturer in History, Yale University

614. Brad H. Pollock, Professor and Chairman, Department of Public Health Sciences, Associate Dean of  
Public Health Sciences, University of California Davis School of Medicine

615. Charles Anthony Broh, Principal, Broh Consulting Services

616. Kerry K. McCabe, Vice Chair of Education, Department of Emergency Medicine, Boston Medical  
Center, Assistant Professor Boston University Medical School

617. Marissa G. Baker, Assistant Professor, Dept. of Environmental & Occupational Health Sciences,  
University of Washington School of Public Health

618. Abigail Schachter, Epidemiologist, Public Health - Seattle & King County

619. Emily Pinto Taylor, Chief Resident, Yale Primary Care - Internal Medicine, Yale-New Haven Hospital

620. Jim Krieger, Clinical Professor of Medicine and Health Services, University of Washington

621. Christine Eisenhower, Clinical Associate Professor of Pharmacy

622. Maile Young Karris, Associate Professor of Medicine, Divisions of Infectious Diseases and Global  
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623. Michael B Bracken, Susan Dwight Bliss Professor Emeritus of Epidemiology, Yale University

624. Lisa S. Meredith, Senior Behavioral Scientist, RAND, Professor, Pardee RAND Graduate School

625. Shanaé Burch, Ed.M, Doctoral Student in the Department of Health & Behavior Studies, Teachers  
College at Columbia University

626. Niema Moshiri, Assistant Teaching Professor in the Computer Science & Engineering Department at  
the University of California, San Diego

627. Stanley H. Weiss, Professor of Medicine, Rutgers New Jersey Medical School; Professor of  
Epidemiology, Rutgers School of Public Health; Past Chair of the APHA Epidemiology Section

628. Scott Heysell, Associate Professor of Medicine, Infectious Diseases and International Health, Pinn  
Scholar, University of Virginia

629. Angelica Saada, Physician at NY Presbyterian-Columbia University

630. Annette M. Totten, Assoc. Prof., Clinical Epidemiology, Oregon Health & Science Univ.

631. Rose McDermott, David and Marianna Fisher University Professor of Political Science, Brown  
University

632. Zhiyong Zhao, Associate Professor, University of Maryland School of Medicine

633. Nancy López, Sociologist, Albuquerque, NM

634. Maurizio Zanetti, Professor of Medicine, Moores Cancer Center, University of California, San Diego

635. Francesca Torriani, Chair of the Infectious Diseases Association of California (IDAC), Program  
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636. Sanford J. Shattil, Distinguished Professor of Medicine, University of California, San Diego

637. John Giles, Postdoctoral Research Fellow, Department of Epidemiology, Johns Hopkins Bloomberg  
School of Public Health

638. Madelynn von Baeyer, Postdoctoral Fellow, Harvard University Herbaria

639. Anthony Jerant, Professor and Chair Department of Family and Community Medicine, School of  
Medicine, University of California, Davis

640. Jeanette Kowalik, Commissioner of Health, Milwaukee, WI

641. Peter F. Wright, Professor of Pediatrics, Geisel School of Medicine at Dartmouth

642. Wm. Christopher Mathews, Professor Emeritus of Clinical Medicine Director, UCSD CFAR Clinical

Core

643. Stephen Bezruchka, Departments of Health Services & Global Health, School of Public Health, University of Washington
644. Hendry Ton, Associate Vice Chancellor for Health Equity, Diversity, and Inclusion, Clinical Professor of Psychiatry and Behavioral Sciences, UC Davis Health
645. Jessica Prince-Guerra, Postdoctoral Fellow, Hubert Department of Global Health, Rollins School of Public Health, Emory University
646. Emily Mendenhall, Provost's Distinguished Associate Professor, Edmund A. Walsh School of Foreign Service, Georgetown University
647. Michael B.A. Oldstone, Professor Emeritus, Former ead Viral-Immunobiology Laboratory, The Department of Immunology and Microbial Science, The Scripps Research Institute
648. Amie Thurber, Assistant Professor, School of Social Work, Portland State University
649. Peter J. Krause, Senior Research Scientist, Yale School of Public Health and Yale School of Medicine
650. Randy Taplitz, Professor of Clinical Medicine; Vice Chief of Clinical Affairs Infectious Diseases; Associate Hospital Epidemiologist; Lead, Hematology-Oncology ID Services, University of California, San Diego, Moore's UCSD Cancer Center
651. Laura Mosqueda, Dean, Keck School of Medicine of USC
652. Yue Zhang, Associate Professor of Biostatistics, Division of Epidemiology, Department of Internal Medicine, University of Utah School of Medicine
653. Diana L. Miglioretti, Professor and Division Chief of Biostatistics, Department of Public Health Sciences, University of California, Davis
654. Frederick M. Burkle, Jr., Professor (Ret.), Senior Fellow & Scientist Harvard Humanitarian Initiative, Harvard University & T.H. Chan School of Public Health; Senior International Public Policy Scholar, Woodrow Wilson International Center for Scholars; Institute of Medicine, National Academy of Sciences (elected 2007)
655. Jaclyn Portanova, Post-doctoral fellow, Yale University
656. Melinda L. Irwin, Professor of Chronic Disease Epidemiology and Associate Dean of Research, Yale School of Public Health
657. Jessica Goodkind, Associate Professor, Department of Sociology, University of New Mexico
658. Rebecca Fielding-Miller, Assistant Professor Division of Infectious Diseases and Global Public Health, School of Medicine, University of California, San Diego
659. James H. Fowler, Professor of Global Public Health, University of California, San Diego
660. Constance A. Benson, Professor of Medicine, Division of Infectious Disease & Global Public Health, University of California, San Diego
661. Maria E. Sundaram, Postdoctoral Fellow, Vaccinology Training Program, Emory University Rollins School of Public Health
662. Sharon Talboys, Assistant Professor, Division of Public Health, Department of Family and Preventive Medicine, University of Utah Health
663. Tobias Brett, Post-Doctoral Research Associate, Center for the Ecology of Infectious Diseases, University of Georgia
664. Martin T. Stein, Professor of Pediatrics Emeritus, University of California, San Diego
665. Brent Luu, Assistant Clinical Professor, Betty Irene Moore School of Nursing, University of California, Davis
666. Leigh Senderowicz, Health Disparities Research Scholar, Univeristy of Wisconsin-Madison
667. Ruben Vega Perez, MD Student, Icahn School of Medicine at Mount Sinai
668. Mary Anne Mercer, Senior Lecturer Emerita, School of Public Health, University of Washington
669. Richard L. Gallo, Distinguished Professor, Department of Dermatology, University of California, San Diego
670. Philippe Goldin, Associate Professor and Director of Clinically Applied Affective Neuroscience Laboratory, University of California, Davis

671. Annette Dekker, Chief Resident, Emergency Medicine, University of Chicago Medicine
672. Claire Amabile, Researcher, Fielding School of Public Health, University of California, Los Angeles
673. Malcolm V. Williams, Senior Policy Researcher, RAND Corporation
674. Helen Baker, Global and Community Engagement Coordinator/Assistant Clinical Professor, Lillian Carter Center for Global Health and Social Responsibility, Nell Hodgson Woodruff School of Nursing, Emory University
675. Maureen Canavan, Associate Research Scientist, Yale Cancer Outcomes, Public Policy and Effectiveness Research (COPPER) Center, Yale School of Medicine
676. Rui Jiang, Resident Physician, The Mount Sinai Hospital
677. Richard L. Hauger, Professor, School of Medicine, University of California, San Diego
678. Seth Blumberg, Clinical Instructor / Postdoc, Proctor Foundation, University of California, San Francisco
679. Eyal Oren, Associate Professor, Epidemiology & Biostatistics School of Public Health, San Diego State University
680. Martin Hoenigl, Assistant Professor of Medicine, Division of Infectious Diseases and Global Public Health, University of California, San Diego
681. Duncan Maru, Senior Faculty, Arnhold Institute for Global Health, School of Medicine at Mount Sinai
682. Winn Periyasamy, Student, Fordham Law School and Alumni, Columbia Mailman School of Public Health
683. Daliah Heller, Director of Drug Use Initiatives, Vital Strategies
684. Katherine Schaff, Doctor of Public Health, UC Berkeley
685. Armin Nowroozpoor, Postdoctoral Fellow, Department of Emergency Medicine, Yale School of Medicine
686. Michelle Seage, PhD Student, Public Health University of Utah
687. Patrick Sullivan, Assistant Professor of Emergency Medicine (Clinical), Warren Alpert School of Medicine, Brown University
688. Debbie Humphries, Clinical Instructor of Public Health Practice, Department of Epidemiology of Microbial Diseases, Yale School of Public Health
689. Beth A. Jones, Research Scientist & Lecturer, Associate Director of Engagement, Center for Community Engagement and Health Equity, Yale Cancer Center, Yale School of Public Health
690. Christopher V. Plowe, Professor of Medicine, Molecular Genetics & Microbiology, and Global Health Director, Duke Global Health Institute, Duke University
691. David Looney, Associate Professor in Residence, University of California, San Diego
692. Hemanth Gundavaram, Clinical Professor of Law, Northeastern University School of Law
693. Joshua Barocas, Assistant Professor of Medicine at Boston Medical Center
694. Kristin Madison, Professor of Law and Health Sciences
695. Louis R. Petrone, Clinical Assistant Professor, Department of Family and Community Medicine, Sidney Kimmel Medical College
696. Sara Marquis, Lead Research Coordinator, Fred Hutchinson Cancer Research Center
697. Mahalia S. Desruisseaux, Associate Professor of Internal Medicine at Yale School of Medicine
698. Cindy Sousa, Associate Professor, Bryn Mawr College Graduate School of Social Work and Social Research
699. Melissa MCGovern Prather, Researcher
700. James A Hay, Postdoctoral Research Fellow, Harvard T.H. Chan School of Public Health
701. Dalton Price, Student in Cornell University's Department of Anthropology
702. Spshelle Faith Rutledge, Outreach Coordinator Jewish Family Service
703. Ricardo A Franco, Associate Professor of Infectious Diseases, University of Alabama at Birmingham
704. Irene Yang, Assistant Professor, Nell Hodgson Woodruff School of Nursing, Emory University
705. Lucy E Wilson, Professor of Emergency Health Services at University of Maryland Baltimore County
706. Judith N Wasserheit, Chair & Professor of Global Health; Professor of Medicine and Epidemiology,

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707. June L. Gin, Researcher

708. Louise Vincent, Executive Director, NC Survivors Union

709. Vlada Melekhin Infectious Disease physician

710. Shannon Mace, Director of Operations, Health, Education and Legal Assistance Project: A Medical-Legal Partnership

711. Rory Merritt, Assistant Dean of Medicine, Alpert Medical School of Brown University; Assistant Professor of Emergency Medicine, Department of Emergency Medicine of Brown University

712. Mari Armstrong-Hough, Assistant Professor of Public Health, NYU School of Global Public Health

713. Laila Woc-Colburn, Associate Professor Infectious Diseases, Baylor College of Medicine

714. Carole Mitnick, Associate Professor of Global Health & Social Medicine, Harvard Medical School

715. Marina Antillon, Post-doctoral Research Collaborator, Swiss Tropical and Public Health Institute

716. Salmaan Keshavjee, Professor of Global Health and Social Medicine, Harvard Medical School

717. Molly Frankem, Associate Professor of Global Health and Social Medicine, Harvard Medical School

718. Megan B. Murray, Professor of Global Health at Harvard Medical School

719. Joia Mukherjee, Chief Medical Officer, Partners In Health Assoc Prof Harvard Medical School

720. Amy Hagopian, Professor, School of Public Health, University of Washington

721. Brook K. Baker, Professor of Law at Northeastern U. School of Law

722. Mariya Masyukova, Assistant Professor, Department of Family and Social Medicine, Montefiore Medical Center/Albert Einstein College of Medicine

723. Mark A Strand, Professor at North Dakota State University

724. Hani Mowafi, Associate Professor of Emergency Medicine, Yale Medical School

725. Julius-Patrice Johnson, MPH Candidate, American Indian Public Health Specialization, North Dakota State University

726. Michelle Hoffman, Pediatric Infectious Diseases physician at Golisano Children's Hospital of Southwest Florida

727. Chris Merritt, Associate Professor of Emergency Medicine & Pediatrics, Alpert Medical School of Brown University

728. Deborah Houston-Schrenzel, Horsham, PA

729. Kelsie Cassell, PhD Student, Epidemiology of Microbial Diseases, Yale School of Public Health

730. Stephen Eubank, Professor, Biocomplexity Institute & Initiative, University of Virginia; Professor, Dept. of Public Health Sciences, University of Virginia

731. Dorit Reiss, Professor of Law, UC Hastings College of the Law

732. Richard Weinmeyer, Doctoral student, Northwestern University

733. Angelle Desiree LaBeaud, Professor of Pediatrics at Stanford School of Medicine

734. Rahnea Sunseri, Medical Director, Founding Faculty of Physician Assistant Department, University of the Pacific

735. Hannah L. Stewart, Executive Committee Delegate from the United States, Global Mental Health Peer Network

736. Carleigh Krubiner, Policy Fellow, Center for Global Development; Associate Faculty, Johns Hopkins Berman Institute of Bioethics

737. Taleed El-Sabawi, Assistant Professor of Law at Elon University

738. Samuel Bagenstos, Frank G. Millard Professor of Law, University of Michigan Law School

739. David Bray, Director, For a New Global Center, Atlantic Council

740. Ruth A. Karron, Professor, Dept of International Health, Johns Hopkins Bloomberg School of Public Health

741. Lloyd F. Novick, Professor Emeritus of Public Health, East Carolina University

742. Julie R. Hens, Research Associate Scientist at Yale Medical School

743. Lisa Penney, Professor of Management at University of South Florida

744. TerL Gleason, Executive Director, Advocacy House

745. Julie Allison Spencer, Graduate Research Assistant, Los Alamos National Laboratory
746. Mark Vossler, President, Washington Physicians for Social Responsibility
747. Ryan F. Coughlin, Assistant Professor, Emergency Medicine, Yale School of Medicine
748. Jason R. Singson, MPH Student, Department of Public Health Sciences, University of California, Davis
749. Donna E. Levin, National Director, Network for Public Health Law
750. Bruce Jacoby, Associate Clinical Professor, Northeastern University School of Law
751. Diego Rivera, Masters of Public Health Sciences Graduate Student at UC Davis
752. Ruthie Birger, Postdoctoral Associate at Yale School of Public Health
753. Gail D'Onofrio, Professor and Chair Department of Emergency Medicine, Yale School of Medicine
754. Aly Peeler, Advocacy Coordinator at North Carolina Survivors Union
755. Cassandra Fecho, Research Associate, University of California San Francisco; Master's student, School of Public Health Sciences at University of California Davis
756. Caryl Eleanor Waggett, Associate Professor, Global Health Studies at Allegheny College
757. Sarah Boyles-Muehleck, MPH Student
758. Kashti Nayem, MPH student, UC Davis
759. Amelia Alim, Student, Diamond Bar High School
760. Jean Scofi, Assistant Medical Director, Yale New Haven Hospital
761. Tahmina Nasserie, Epidemiology PhD Student, Stanford University School of Medicine
762. Michal Caspi Tal, Instructor, Stanford University, School of Medicine
763. Jessica Huang, Doctoral Candidate, Harvard T.H. Chan School of Public Health
764. Andrew Clayton Saunders, Assistant Professor of Pediatrics at Stanford University School of Medicine
765. Jaspreet Pannu, Medical Student, Stanford School of Medicine
766. Thomas G Weiser, Associate Professor of Surgery, Stanford University School of Medicine
767. Lesley King, Board of Directors, Partners In Health
768. Brenda J Buck, Professor of Medical Geology, University of Nevada Las Vegas
769. Karl Klare, Professor of Law, Northeastern University
770. Mary Ellen Lyon Clinical, Instructor of Emergency Medicine, Yale University School of Medicine
771. Rachel Buquid, Student, Cal State Fullerton
772. Rachael Cohen, Student, Global Health Studies Department at Allegheny College
773. Alberto Diaz-Cayeros, Senior Fellow, FSI, Stanford University
774. Eleanor A Reid, Assistant Professor, Emergency Medicine, Division of Global Health and International Emergency Medicine, Yale Medical School
775. Caty Simon, Member, Leadership Team, Urban Survivors Union
776. Dinah Ortiz, Member, Leadership Team, Urban Survivors Union
777. Mark Kinzly, Member, Leadership Team, Urban Survivors Union
778. Aaron Fergeson, Member, Leadership Team, Urban Survivors Union
779. Robert Suarez, Member, Leadership Team, Urban Survivors Union
780. Shilo Jama, Member, Leadership Team, Urban Survivors Union
781. Steven L. Bernstein, Professor of Emergency Medicine and Public Health at Yale School of Medicine
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783. Tammy Law, Assistant, CAA
784. Donna E Levin, National Director, for the Staff at the Network for Public Health Law
785. Jennifer A. Newberry, Clinical Assistant Professor at Stanford University School of Medicine
786. Jessica Yager, Assistant Professor of Medicine, Division of Infectious Diseases, SUNY Downstate Medical Center
787. Michele Barry, Dean of Global Health, Stanford University
788. Raffi Avedian, Associate Professor Stanford University Medical School.
789. Rebecca Scarbrough, Coordinator of Therapeutic Education, Public Health
790. Amy Krystosik, Data Scientist, Chan Zuckerberg Initiative

791. Meng-Huang Wu, Global Faculty in Training, Byers Center for Biodesign, Stanford University
792. Maimuna S. Majumder, Faculty, Boston Children's Hospital and Harvard Medical School
793. Isaac K. Agboola, Emergency Medicine Resident Physician, Yale University
794. Zhe Zheng, PhD student, Department of Epidemiology of Microbial Diseases, Yale School of Public Health
795. Senica Marie Camello, Masters Student, Occupational Therapy, Loma Linda University
796. Dorothy Baker, Senior Research Scientist Yale School of Medicine

#### Organizational Signatures

797. Broken No More
798. Amnesty International USA
799. The Public Health Advocacy Institute
800. Big Cities Health Coalition
801. Prevention Point Pittsburgh
802. Any Positive Change
803. EcoHealth Alliance
804. Children's Aid
805. American Public Health Association (APHA)
806. The Johns Hopkins Center for Health Security
807. The Mountain Center in New Mexico
808. Center for Prisoner Health and Human Rights
809. The National Health Law Program
810. Collaborative for Health Equity Cook County, Chicago, Illinois
811. Tufts Public Health Society
812. Chicago Recovery Alliance
813. New Jersey Public Health Association
814. Human Impact Partners
815. Washington Physicians for Social Responsibility