

## ICMJE Form for Disclosure of Potential Conflicts of Interest

### Instructions

The purpose of this form is to provide readers of your manuscript with information about your other interests that could influence how they receive and understand your work. The form is designed to be completed electronically and stored electronically. It contains programming that allows appropriate data display. Each author should submit a separate form and is responsible for the accuracy and completeness of the submitted information. The form is in six parts.

#### 1. Identifying information.

#### 2. The work under consideration for publication.

This section asks for information about the work that you have submitted for publication. The time frame for this reporting is that of the work itself, from the initial conception and planning to the present. The requested information is about resources that you received, either directly or indirectly (via your institution), to enable you to complete the work. Checking "No" means that you did the work without receiving any financial support from any third party -- that is, the work was supported by funds from the same institution that pays your salary and that institution did not receive third-party funds with which to pay you. If you or your institution received funds from a third party to support the work, such as a government granting agency, charitable foundation or commercial sponsor, check "Yes".

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#### 4. Intellectual Property.

This section asks about patents and copyrights, whether pending, issued, licensed and/or receiving royalties.

#### 5. Relationships not covered above.

Use this section to report other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work.

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**Other:** Anything not covered under the previous three boxes

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**Royalties:** Funds are coming in to you or your institution due to your patent

## ICMJE Form for Disclosure of Potential Conflicts of Interest

### Section 1. Identifying Information

1. Given Name (First Name) Michael

2. Surname (Last Name) Howell

3. Date 19-October-2018

4. Are you the corresponding author?  Yes  No Corresponding Author's Name Alvin Rajkomar

5. Manuscript Title Ensuring Fairness in Machine Learning to Advance Health Equity

6. Manuscript Identifying Number (if you know it) M18-1990

### Section 2. The Work Under Consideration for Publication

Did you or your institution **at any time** receive payment or services from a third party (government, commercial, private foundation, etc.) for any aspect of the submitted work (including but not limited to grants, data monitoring board, study design, manuscript preparation, statistical analysis, etc.)?

Are there any relevant conflicts of interest?  Yes  No

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Are there any relevant conflicts of interest?  Yes  No

If yes, please fill out the appropriate information below.

Name of Entity	Grant?	Personal Fees?	Non-Financial Support?	Other?	Comments
Google, LLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	I am employed by Google, LLC, and own equity in Alphabet.

### Section 4. Intellectual Property -- Patents & Copyrights

Do you have any patents, whether planned, pending or issued, broadly relevant to the work?  Yes  No

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### Section 5. Relationships not covered above

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Dr. Howell reports that he is employed by Google and owns equity in Alphabet

### Evaluation and Feedback

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## ICMJE Form for Disclosure of Potential Conflicts of Interest

### Section 1. Identifying Information

1. Given Name (First Name)

Alvin

2. Surname (Last Name)

Rajkomar

3. Date

22-October-2018

4. Are you the corresponding author?

Yes  No

5. Manuscript Title

Ensuring Fairness in Machine Learning to Advance Health Equity

6. Manuscript Identifying Number (if you know it)

M18-1990

### Section 2. The Work Under Consideration for Publication

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Are there any relevant conflicts of interest?  Yes  No

If yes, please fill out the appropriate information below. If you have more than one entity press the "ADD" button to add a row. Excess rows can be removed by pressing the "X" button.

Name of Institution/Company	Grant?	Personal Fees?	Non-Financial Support?	Other?	Comments
Google LLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	I am employee of Google

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Dr. Rajkomar reports other from Google LLC, during the conduct of the study; .

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## ICMJE Form for Disclosure of Potential Conflicts of Interest

### Section 1. Identifying Information

1. Given Name (First Name) Michaela

2. Surname (Last Name) Hardt

3. Date 22-October-2018

4. Are you the corresponding author?  Yes  No

Corresponding Author's Name Alvin Rajkomar

5. Manuscript Title Ensuring Fairness in Machine Learning to Advance Health Equity

6. Manuscript Identifying Number (if you know it) M18-1990

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## ICMJE Form for Disclosure of Potential Conflicts of Interest

### Section 1. Identifying Information

1. Given Name (First Name) Marshall      2. Surname (Last Name) Chin      3. Date 27-October-2018

4. Are you the corresponding author?     Yes     No      Corresponding Author's Name  
Alvin Rajkomar

5. Manuscript Title  
Ensuring Fairness in Machine Learning to Advance Health Equity

6. Manuscript Identifying Number (if you know it)  
M18-1990

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NIDDK	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	P30 DK092949
Robert Wood Johnson Foundation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Finding Answers: Solving Disparities Through Payment and Delivery Reform Program Office
Merck Foundation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Bridging the Gap: Reducing Disparities in Diabetes Care National Program Office

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## ICMJE Form for Disclosure of Potential Conflicts of Interest

### Section 1. Identifying Information

1. Given Name (First Name) Greg	2. Surname (Last Name) Corrado	3. Date 27-November-2018
4. Are you the corresponding author?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Corresponding Author's Name Alvin Rajkomar
5. Manuscript Title Ensuring Fairness in Machine Learning to Advance Health Equity		
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Dr. Corrado has nothing to disclose.

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