

**MINUTES OF THE MEETING
OF THE
BOARD OF DIRECTORS
OF
PHOENIX BIOINFORMATICS CORPORATION**

A meeting of the Board of Directors (BOD) of Phoenix Bioinformatics Corporation was held on June 7, 2019 at 9 am, Pacific Time, by conference call, upon notice duly given. The following directors, constituting a quorum for the transaction of business, were present via conference call at the start of the meeting: Anne Haake, Eva Huala, Eric Lyons, Sam Mankiewicz, Maliaca Oxnam, and Todd Vision. Tanya Berardini and Connie Ng were present at the invitation of the board. Eric Lyons chaired the meeting, and Tanya Berardini, as the Secretary of the Corporation, acted as secretary of the meeting.

The Chair called the meeting to order at 9:05 am. The directors proceeded to the first order of business.

Approval of Previous Meeting's Minutes

The first item of business was approval of the minutes of the Annual Board meeting held on March 11 and 12, 2019. The meeting minutes were approved unanimously and the Secretary was directed to certify the minutes and have the minutes, so certified, inserted in the corporation's minute book.

Board Recruitment Committee Report

The Recruitment Committee (Lyons, Huala, Vision) reported on their efforts to replace Jonathan Dugan with a candidate with qualifications that would augment the strengths of the current board. An excellent candidate has been identified and all members of the recruitment committee have had one-on-one conversations with her. Susan Au joined the conference call at 9:12 am after this summary.

Election of New Board Member

All board members on the call voted unanimously to elect Liz Allen to the Phoenix board of directors. Trilok Prithvi joined the call during the vote at 9:24 am.

Updates to the Board

Eva Huala reported on staffing updates within Phoenix, progress with internal projects such as TAIR and PhyloGenes as well as established external partner, BioCyc, and the newly onboarded external partners, AgBase and RepBase. Financials were also reviewed in the light of some shifting subscription, grant, and billing situations, with the projected year-end bottom line remaining almost identical after all the changes. Questions from the board on revenue projections, partner interactions, and data gathering

were fielded and a discussion followed the presentation. Mary Margaret Sprinkle joined the call at 9:33 am, after the staffing updates.

Reminders

The Compensation Committee was reminded that their report is due by August 31st so that the results can be folded into the 2020 budget. Eva Huala will provide a copy of the most recent Guidestar report as well as the current compensation for the Executive Director and the CFO to assist in the committee's deliberations.

Next Meeting

The Board was reminded that the next Board of Directors conference call would be on September 13, 2019, at 10 am- 12 noon Pacific Standard Time.

The next in-person Board meeting will be on March 9 and 10, 2020, at the Phoenix offices in Fremont, CA.

Adjournment

There being no further business to come before the board, the meeting was adjourned at 10:17 am, Pacific time.

Respectfully submitted,

Tanya Z. Berardini, Secretary

Minutes were approved during the September 11, 2019 conference call.