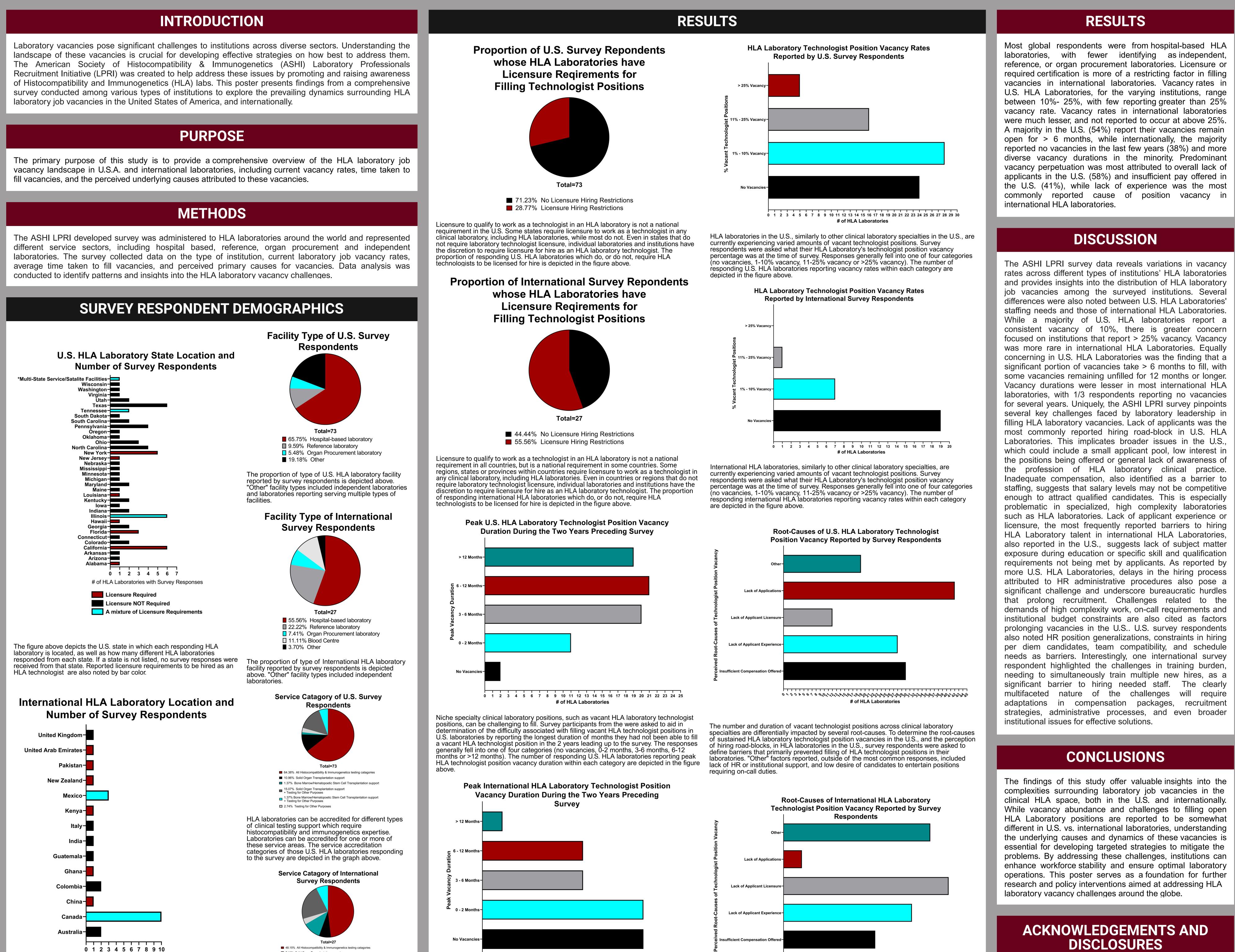
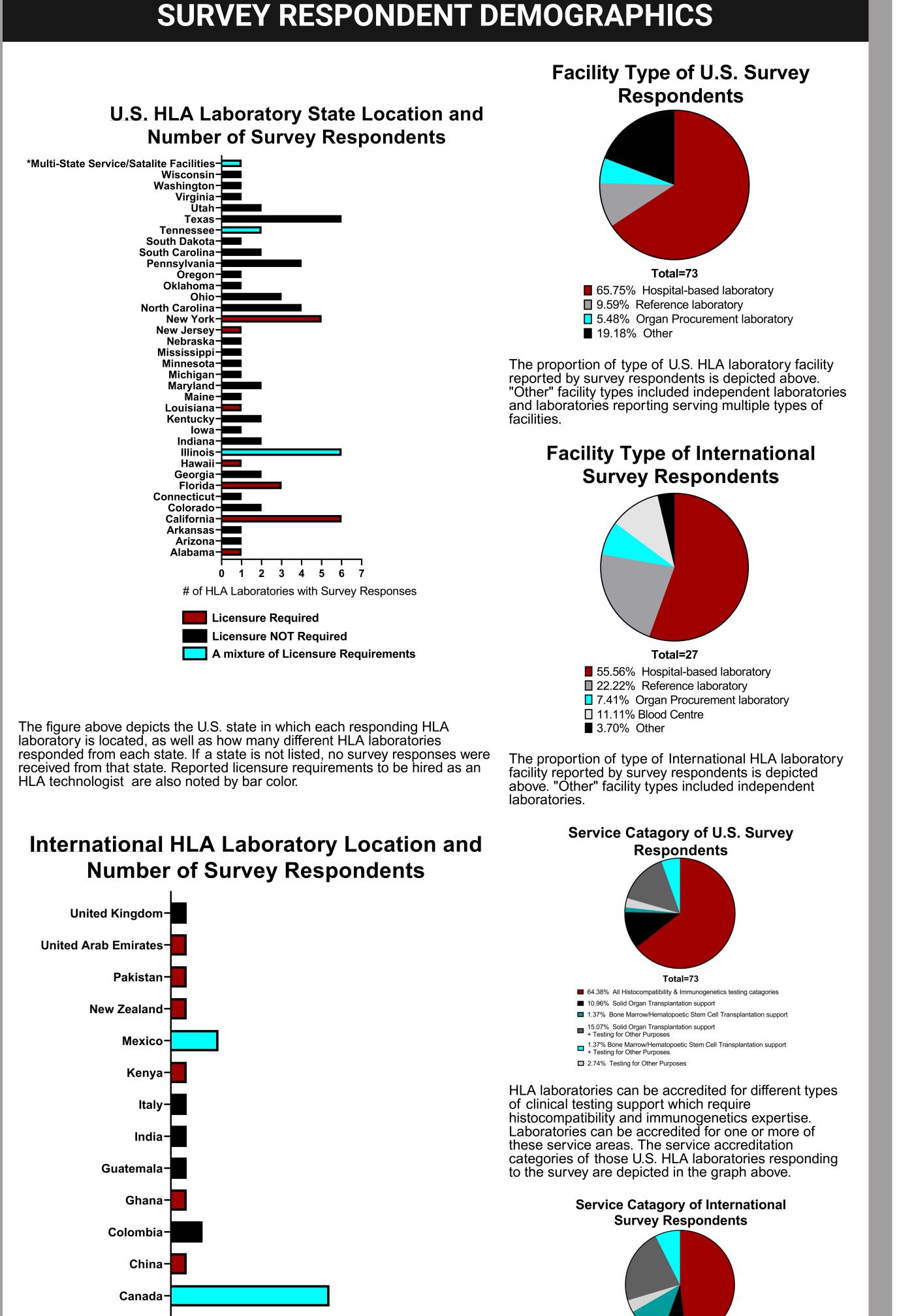
Addressing HLA Laboratory Vacancy Challenges: Insights from a Survey-Based Analysis

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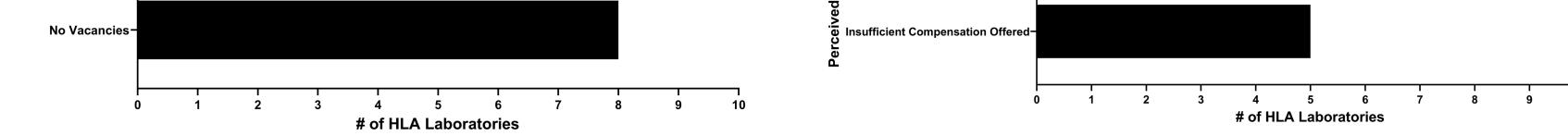
of HLA Laboratories with Survey Responses

Licensure Required Licensure NOT Required A mixture of Licensure Requirements

The figure above depicts the country in which each responding HLA laboratory is located, as well as how many different HLA laboratories responded from each country. If a country is not listed, no survey responses were received from that country. Reported licensure requirements to be hired as an HLA technologist are also noted by bar color.

7.41% Solid Organ Transplantation support 11.11% Solid Organ Transplantation support
+ Bone Marrow/Hematopoetic Stem Cell Transplantation support 22.22% Solid Organ Transplantation support + Testing for Other Purposes ■ 1.37% Bone Marrow/Hematopoetic Stem Cell Transplantation support + Testing for Other Purposes 3.70% Testing for Other Purposes

HLA laboratories can be accredited for different types of clinical testing support which require histocompatibility and immunogenetics expertise. Laboratories can be accredited for one or more of these service areas. The service accreditation categories of those International HLA laboratories responding to the survey are depicted in the graph above.



Niche specialty clinical laboratory positions, such as vacant HLA laboratory technologist

positions, can be challenging to fill. Survey participants from the were asked to aid in

above

The number and duration of vacant technologist positions across clinical laboratory determination of the difficulty associated with filling vacant HLA technologist positions in specialties are differentially impacted by several root-causes. To determine the root-causes U.S. laboratories by reporting the longest duration of months they had not been able to fill of sustained HLA laboratory technologist position vacancies internationally, and the a vacant HLA technologist position in the 2 years leading up to the survey. The responses generally fell into one of four categories (no vacancies, 0-2 months, 3-6 months, 6-12 perception of hiring road-blocks in international HLA laboratories, survey respondents were asked to define barriers that primarily prevented filling of HLA technologist positions in their months or >12 months). The number of responding U.S. HLA laboratories reporting peak laboratories. "Other" factors reported, outside of the most common responses, included HLA technologist position vacancy duration within each category are depicted in the figure slow applicant processing through institutions, parental leave rules, pulling staff from other laboratories and creating secondary deficits, as well as national registration issues.

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