## U-M Studies Stakes, Odds In Vegas Gambling Casino

ANN ARBOR -- A computer and modern techniques from psychology and malbematics are being used in a scientific study of risk-taking and decision-making at a gambling castion in Las Vegas, Nev.

The University of Michigan, the 'Oregon Research Institute, and the Four Queens Castino are involved in the experiments at the Four Queens, in down-

are involved in the experiments at the Four Queens, in downtown Las Vegas.

Casino customers who volunteer use a standard roulette 
wheel and a PDP-7 computer 
to play a new research kame 
called Stakes and Odds,

ried, investing in stocks, passing another automobile on a hill, or placing a bet.

"Gambling situations permit precise specification of the school of the s ANN ARBOR -- A computer and modern techniques from sychology and mathematics re being used in a scientific study of risk-taking and delation-making at a gambling, araino in Las Vegas, Nev. The University of Michigan, be Oregoe Research lastituits, and the Four Queens, Easthough the Four Queens, In down-row in the Four Queens, In down-row Las Vegas. Casino customers who volume to the study of the control of t

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is basically a kind of auction. The subject has the opportunity to buy bets, He competes against a random method of detarmining whether his bid for a bet is high enough, and the situation is designed do that he will make the most money if he states the highest price he is will be a subject a better the highest price he is under the highest price he is under the highest price he is understand pairs at lift not, he goes to the next bet, Some of the bets are unfavorable. For those, the subjects hid is the amount he must be paid to induce him to play the bet.

From the subject's bids, complex mathematical analyses can infer his assessment of the stakes and todds. The same and also mathematical complete record of all plays, The game is being played.

## U-M Has 'Shadow Hospital'

ANN ARBOR -- Administrators at the University of Michigan Hospital have been operating a 200-bed "shadow hospital" for more than seven months in preparation for the opening next year of the C.S. Mct Children's Hospital bere. The shadow hospital -- ail on paper-has been occupied by real patients with real diseaser; youngsters actually administration of the control of the control

AN ATTRACTIVE FEATURE
of the game, from the volunteer's point of view, is that it
be plays wisely, the game! will
have no housel percentage. It
ill players were to play their
best, then over the whole expertiment each player would be
just as likely to win as to lose,
Like many traditional games,
winning depends in part on
a player's judgment and in part
upon pure chance.
Neither the project nor, the
casino will make any money
from the cast, player's wager
in the experimental game is

of the experiments that excess "We are indebted to it for taking before to charity, are indebted to it for taking a freat deal of time and the search trough its cooperation is making a sizable contribution to mean through the meaning a sizable contribution to research," said Prof. Edwards, ling industry in Nevada does dervice.



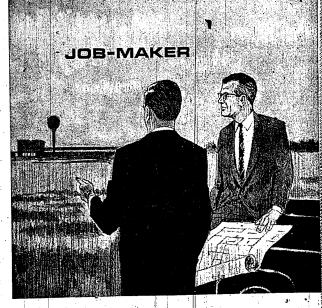


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